



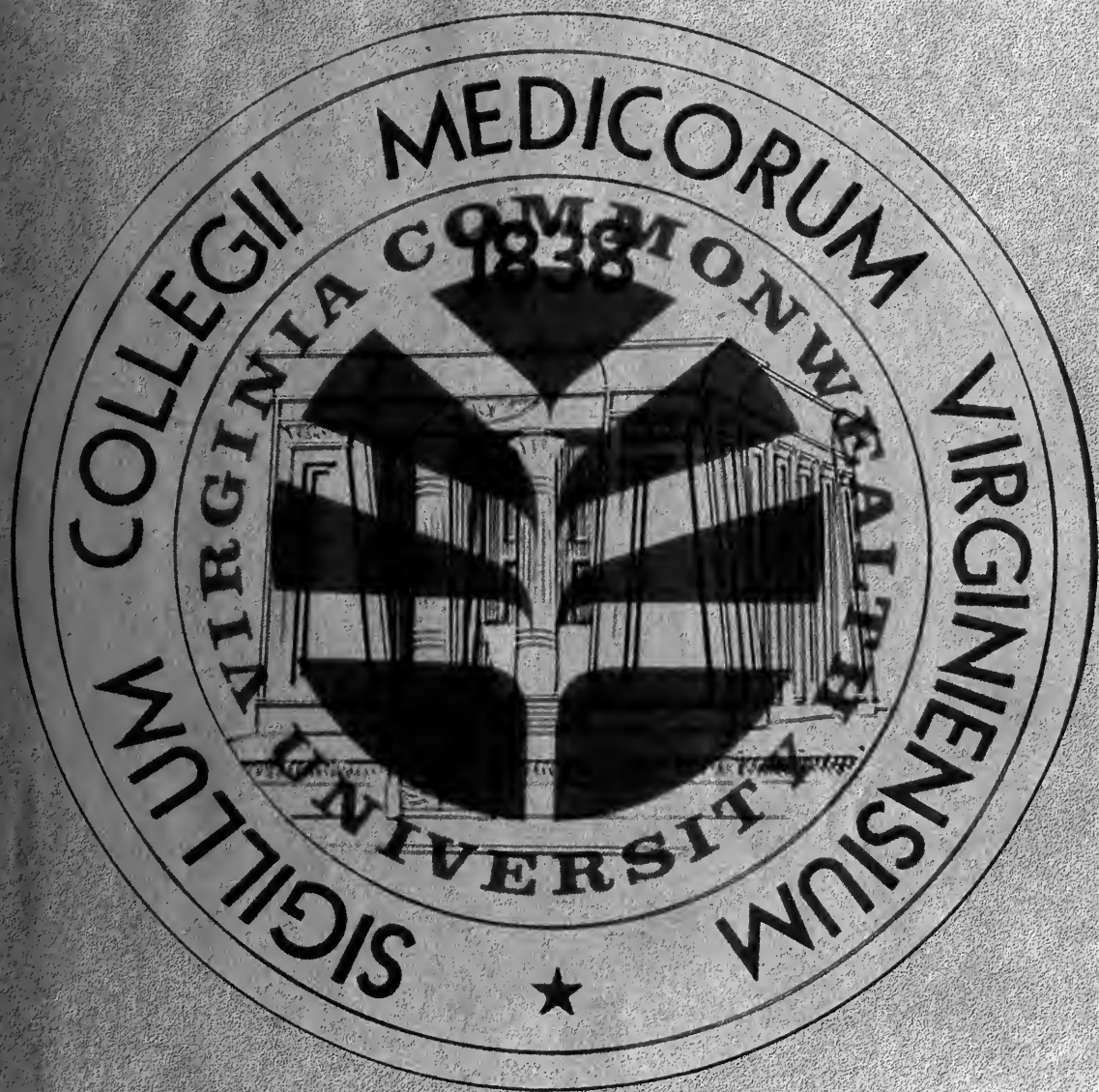
Medical College of Virginia
2006

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CONDITA MCMXIII

ALLIED HEALTH PROFESSIONS
CONDITA MCMLXIX

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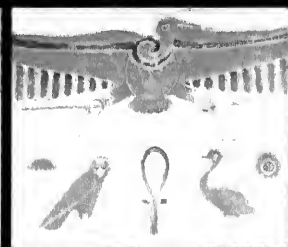
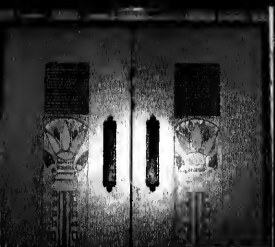
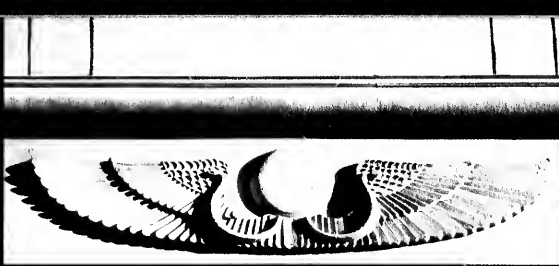
Advertisements

Foreward:

Then and Now



The X-Ray staff presents Volume XCIII with an historical theme of “Then and Now” – one capturing important events over the last one hundred and sixty eight years of the Medical College of Virginia’s history and its present day achievements. This edition serves to remind us of the invaluable contributions that our school has made to the progress and development of the health sciences over a period spanning several centuries. Chronicling the college’s humble beginnings in a renovated hotel in 1838 to its downtown expansion in 2006, herein we have written of the past and coupled it with our constructive and progressive present so they may be a source of fond recollection in the future.



Welcome to Richmond



This statue of Dr. Hunter Holmes McGuire, a famous surgeon and medical leader of his time, is the only statue of a physician on the grounds of the Virginia State Capitol.



A glimpse of the 100-acre grounds of Maymont Park, which features several wildlife exhibits, a variety of specialty gardens, an arboretum, and the country's largest carriage collection.



Dedicated to all the Richmond and Virginia World War I Veterans, The Carillon, located in Byrd Park, serves as the area's tallest monument.



Built in the early 1800s as a schoolhouse for children, some believe this to be the oldest structure on the MCV Campus, located adjacent to the Massey Cancer Center.



Surrounded by the VCU Medical Center, the White House of the Confederacy was the home of Jefferson Davis and his family throughout the Civil War.



Old City Hall, located across the street from the Children's Pavillion, boasts Victorian Gothic architecture and currently serves as a private office building to the people of Richmond.



Richmond, the capital of Virginia, is in the east-central part of the state on the James River north of Petersburg. Settled in the 17th century, it became the capital of Virginia in 1779 and was strategically important in the American Revolution and the Civil War, during which it served as the capital of the Confederacy. Today, it is home to many universities and continues to gain national recognition.



The Executive Mansion has been the residence of Virginia's governors since 1813, making it the longest occupied governor's living quarters in the United States.



The Cathedral of the Sacred Heart, located on the VCU Monroe Park Campus, is considered the finest example of Italian Renaissance Revival style in Virginia.



Widely thought of as the most picturesque street in the Fan District, Monument Avenue is known for its statues of famous Virginians, such as this statue of Robert E. Lee.



MCV Hospitals

MCV Hospitals is the teaching hospital component of the Virginia Commonwealth University Health System (VCUHS), which also includes a number of outpatient clinics. VCUHS is the only academic medical center in Central Virginia and is a regional referral center for the state. With over 800 licensed beds, MCVH has approximately 20% of the Richmond inpatient market, recording more than 500,000 outpatient visits each year. Over 82,000 patients are treated annually in the hospital's emergency department, which is the region's only Level I Trauma Center.

As part of a Carnegie Foundation Level I Research University, the VCUHS boasts major programs in cardiac, solid organ transplant, neurosurgery, and women's health. The VCUHS delivers patient care services for VCU's Massey Cancer Center, a National Cancer Institute designated facility, which offers patients many multi-disciplinary treatment options and access to clinical research trials. The VCUHS Evans-Haynes Burn Center was the first civilian burn unit in the country and remains the only such facility in the state.



Left: VCU Health Systems Children's Pavilion

Below: Entrance to the Emergency Department of Main Hospital



Above: An aerial view of the A. D. Williams Clinic and West Hospital, with Main Hospital pictured in the background

Left: Hunter Holmes McGuire Veterans Affairs Medical Center

School of Medicine



The School of Medicine opened in November 1838, with its first graduating class of 14 men in 1839. Today, with an enrollment of 738 professional students and 418 graduate students, the VCU/MCV School of Medicine has grown considerably, with a graduating class of 163 men and women in 2005. The School has graduated Nobel Prize and Lasker Award winners and has been a pioneer in transplantation, cancer, and addiction medicine research.

School of Dentistry



The School of Dentistry was founded in 1893, with its first graduating class of three men in 1895. Currently, 422 students are enrolled in the VCU/MCV School of Dentistry, with 85 graduates in the class of 2005. Nationally, it is known as the "Mother of Deans," with twelve faculty members and/or students having become deans at VCU/MCV and at other universities including Tufts, UCLA, and University of North Carolina.

School of Pharmacy



The School of Pharmacy began as a special degree awarded starting in 1879, with its first graduating class of 3 men in 1882. A separate department was not created at MCV until 1898. Today, the VCU/MCV School of Pharmacy has an enrollment of 477 professional students and 65 graduate students, with 104 graduates in 2005. This year, the U.S. News and World Report ranked VCU/MCV School of Pharmacy as 21st in the nation.

School of Nursing



The School of Nursing began in 1893, with its first graduating class of 2 women in 1895. Now, the current enrollment is 830 students at the VCU/MCV School of Nursing, having graduated 308 students in 2005. With today's shortage of nurses, the school is supplying a much needed resource for the state and the nation, expanding its facilities to include a new building for the School of Nursing to be completed in 2007.

School of Allied Health Professions



The School of Allied Health Professions was created on January 1, 1969, with its first graduating class of 84 students from four programs in the spring of 1969. With a total of 904 students currently enrolled in its nine programs, 156 degrees were conferred to students in 2005. Among its nine programs, five have been nationally ranked by U.S. News and World Report: Nurse Anesthesia – 1st; Health Services Administration – 5th; Occupational Therapy – 15th; Rehabilitation Counseling – 20th; and Physical Therapy – 25th.

Student Life



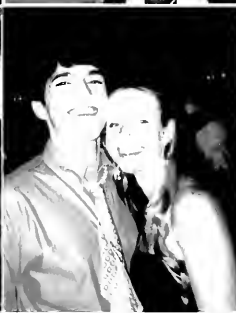




MCV Winter Formal



The annual Medical College of Virginia Winter Formal is sponsored by the MCV Student Government Association. Traditionally held every year at the historic Jefferson Hotel, it is one of the events students look forward to year after year. This year's event featured gourmet hors d'oeuvres, two separate dance rooms featuring the Kings of Swing, dance lessons, and a live DJ. Approximately 1200 students, faculty, and administration attend the formal each year.



The Jefferson Hotel - February 17, 2006



Left: A glimpse inside the Jefferson Hotel and its magnificent stained-glass skylight. The hotel boasts a 70-foot high ceiling, rich tapestries, and marble columns.

Right: The hardworking coordinators of the formal, Jannelle Posey, Zeina Saliba, and Giza High.

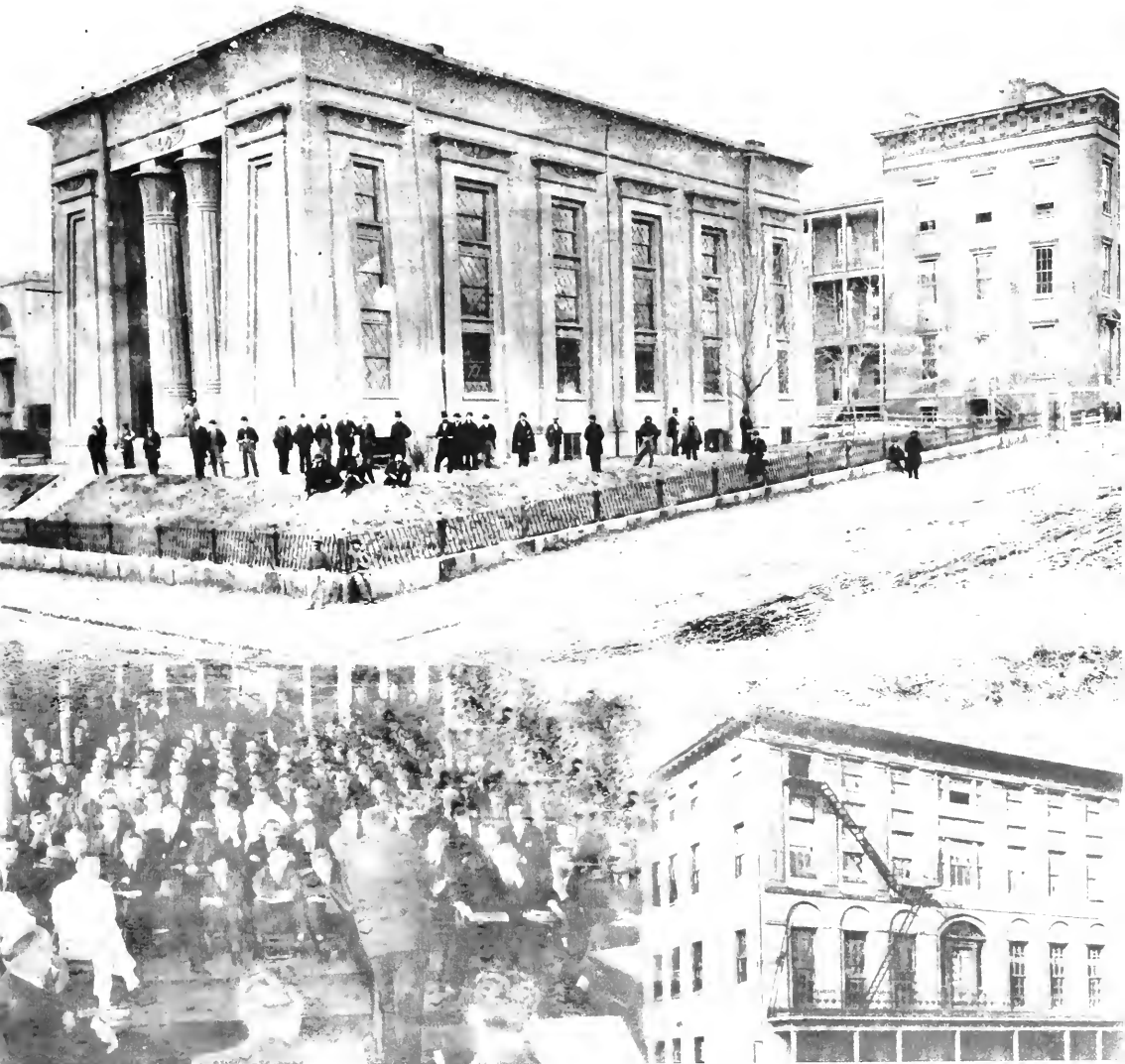




Then and Now

An History of the Medical College of Virginia Campus

By: Denise G. Canonizado &
Patrick H. Sweet III



While much of Virginia's fame is tied to the political struggles of early America, Virginia is also renowned for its integral role in scientific developments. Known fondly as the "birthplace of a nation," it is also the birthplace of many advancements in the health sciences. The first American pharmacopeia, the first autopsy, the first hospital, and the first insane asylum on this continent were Virginia achievements. As a pioneer in the health sciences, it is not surprising that Virginia institutions would seek to serve as models for others to follow.

The Founding of the College

In the early 19th century, medical education in Virginia drastically differed from what it is today. Medical schools did not exist in Virginia as apprenticeships remained the main source of medical education. Obtaining a medical education in England and France was highly desirable, and those who could afford it went overseas. As for the majority of Virginia students, many attended northern medical schools as few established schools existed in the South.

The establishment of medical schools in Virginia has resulted in the outcome of three schools operating today: the Medical College of Virginia, the University of Virginia, and Eastern Virginia Medical School. Early attempts at establishing medical schools occurred at Virginia institutions such as the College of William and Mary, Winchester, and Randolph-Macon College, but these attempts were short-lived.

The idea of opening a school in Richmond for medical and scientific learning began in the late 18th century. The French philosopher Quesnay had plans of opening a grand "University of the United States" in the center of Richmond, which he called Academy Square. While his plans never came to fruition because of the French Revolution, the dream of an institute for higher learning in Richmond lived on. In 1837, several physicians began planning a new Department of Medicine of Hampden-Sydney College, hoping to entice Virginians to stay in the South to study. This new Richmond Department of Medicine was endorsed by Hampden-Sydney College on December 1, 1837, and opened its doors to its first class of 46 medical students on November 5, 1838. The first class of 14 men graduated on April 4, 1839.

The founding fathers consisted of an extraordinary group of men from various medical schools, mostly from the North, such as Maryland and Pennsylvania. The first four chairs appointed

were the petitioners who had sought the departments founding – Drs. Augustus L. Warner, the first Dean and Chair of Surgery and Surgical Anatomy; Richard L. Bohannon, Chair of Obstetrics and Diseases of Women and Children; Lewis W. Chamberlayne, Chair of Materia Medica and Therapeutics; and John Cullen, Chair of the Theory and Practice of Medicine. Two additional professors were appointed – Drs. Socrates Maupin, Chair of Chemistry and Pharmacy; and Thomas Johnson, Chair of Anatomy and Physiology.

The founders initially based the course of instruction on the older northern medical schools. There were two four-month sessions consisting of six courses, with the second session being a repetition of the first. Since the preceptor system was in use, graduation was contingent upon completing a year of study under a reputable physician or attendance of a summer course, a thesis, and an oral examination. The tuition was \$20 for each of six courses paid directly to the instructor. There was a dissecting fee of \$10, a matriculation fee of \$5, and a graduation fee of \$25. The total cost of study for two sessions and graduation was less than \$300.

The first location of the Medical College was the old Union Hotel at the corner of 19th and Main Streets. The hotel was leased by the College and converted into an infirmary with creditable teaching quarters, turning the hotel ballroom into a surgical theater. In 1839, it was described in the *Southern Literary Messenger*, of which Edgar Allen Poe was the editor:

The spacious and elegant building which it occupies, could not have been better adapted to its various uses, if originally designed exclusively for such objects. The general lecture room had been fitted up in a style of superior taste, and is large enough, we should judge, to contain with ease two hundred students. There are, besides, two other lecture rooms for the chemical and anatomical classes, and we confess we were very agreeably surprised at the extent of the anatomical museum, and, as far as an unprofessional spectator could judge, the completeness and excellence of the chemical apparatus. That however which must give peculiar value to the institution, is the presence of an infirmary within the walls of the building, in which the patients are provided with airy and comfortable rooms, attentive nurses, and constant medical attendance. The opportunity which is thus afforded for instruction at the bed-side of the sick, by an easy and convenient transit from the lecture room, cannot it seems to us be too highly appreciated.

Soon, plans were underway for a more modern and elaborate building to be built on Shockoe Hill – the Egyptian Building, the first of many buildings added to the medical campus.



Dr. Augustus L. Warner



Dr. Richard L.
Bohannon



Dr. Lewis W.
Chamberlayne



Dr. John Cullen



Dr. Socrates Maupin

The Egyptian Building

After several years in a reconditioned hotel, the Board of the College decided they needed a space specifically created for medical education. Aid was sought to pay for the structure and the Commonwealth offered a \$25,000 loan and Richmond donated \$2,000. Accordingly, a parcel of land was purchased on Shockoe Hill on the 1200 block of Marshall Street. The Board chose the noted Philadelphia architect, Thomas W. Stewart, who had just completed the new St. Paul's Church to build the College Building. Interestingly, Stewart chose a style known as Egyptian Revival, one that was wholly unheard of in this country.

Many believed that his choice of style was appropriate because it represented the esoteric, almost enigmatic nature of medicine. Furthermore, the origins of medicine went back to the Egyptian physician, Imhotep, of whom Sir William Osler wrote he was the "first figure of a physician to stand out clearly from the mists of antiquity."

The Egyptian Building was originally called College Building and later the Old College Building. The latter title was fitting because the National Historic Register of Landmarks considers it to be the oldest medical college building south of the Mason-Dixon Line. The battered walls of the structure do well to represent the old temples of Egypt. Indeed, the building has often been compared to the Temple of Horus at Edfu.

Originally, the building housed medical lecture rooms, a dissecting room, an infirmary and hospital beds for medical and surgical cases. The building is constructed from brick, stucco and cast iron. Restored in 1939 by the architects Baskerville and Son, the new auditorium was named in honor of Dr. Simon Baruch, an 1862 graduate of the MCV School of Medicine. At that time the interior of the building was remodeled to carry on the Egyptian style.

Its battered walls – thinner at the top than at the bottom – give an impression of solidarity and height. This effect is emphasized by the relatively minimal windows for a five-story building. These windows are diamond paned and incorporated without a style break. The columns represent reeds bunched together and are capped off by capitals of palm fronds, a style commonly used in Egyptian columns and a precursor to the neoclassical molds.

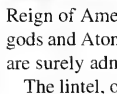
Several obelisks flank the structure and are connected by a cast iron fence that incorporates what appears to be hermai, resembling sarcophagi (mummy cases), forged by R. W. Barnes of Richmond.



Also prominent throughout the Building is the use of the winged sun disk. On the exterior it is found repeated in the cavetto cornices that cap the pylons. This winged disk represents Horus, an Egyptian god, flanked by the goddesses Bakbet and Uaset in the form of snakes. Later this image took on other meanings with the sun disk representing eternity, the serpent representing wisdom, and finally the wings representing the spirit.

On the interior, the lotus flower design is used repeatedly. The interior colors are deeply symbolic and have a mystic meaning: red represents divine love; blue represents divine intelligence; and the golden yellow represents the mercy of God. Hieroglyphics are incorporated in the antechamber decorations and the floor tiles depict a large scarab beetle.

The hieroglyphics in the antechamber to the auditorium are not faux but actually have meaning. The right side of the jambs, reading from bottom up, "I never took pleasure in any conversation wherein were words of exaggeration and lies." The left side of the jambs read, "Though didst make me great because I was performing my duty." They come from an Egyptian hymn to the gods Amon and Aton in the

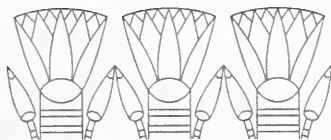


Reign of Amenhotep III (1390-1352 B.C.). Amon is the king of gods and Aton is one of the sun-gods (the other being Re). These are surely admonitions that can be used by students today.

The lintel, or horizontal part of the door jamb, bears a different set of messages. On the left it reads, "Tutankhamen: To whom life is given forever" and on the right it reads, "Tutankhamen: Living image of Amon." This message has little meaning for posterity, but probably represents the fervor with which the public associated Egypt with the child pharaoh. King Tut (Tutankhamen), who was discovered in 1922, very near to when this interior was remodeled.

The building has been in continuous use since 1845. In 1969 it became an historic landmark, and in 1995 it celebrated its 150th anniversary. It has at one time or another been used by every school in the Medical College. With its unique and beautiful architecture, it still represents the Art and Science of medicine, and, for that matter, the Arts and Sciences of all academia in the University, and thus it deserves the honor of being the Alma Mater of this institution. No better was it described than at Founders' Day exercises held at the Egyptian Building, 5 December 1940, when Dr. Wyndham Blanton commented to alumni and guests:

What old Nassau Hall is to Princeton, what the Wren Building is to William and Mary, what the Rotunda is to the University of Virginia, the Egyptian Building is to the Medical College of Virginia. It is a shrine, a sanctuary of tradition, the physical embodiment of our genius. It is a spiritual heritage. In a world often accused of cold materialism, with an ideology of human self-sufficiency, and an adoration of objects that can be handled and seen, there is a need for things of the spirit, if science is to do more than make life safer, longer and more comfortable.

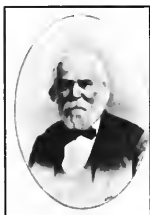


MCV Becomes a State Institution

In 1853, a schism arose between the medical faculty and the trustees of Hampden-Sydney College. They could not agree on whom to appoint as the new Chair of Physiology and Medical Jurisprudence. The medical faculty nominated Dr. Martin P. Scott, however, the trustees appointed Dr. Goodridge A. Wilson, based on the recommendation of twenty-two Richmond physicians unaffiliated with the medical department. A newspaper and pamphlet war ensued as each side claimed the other was assuming too much control. While the trustees did indeed have the right of appointment as stated in the charter, they had never before ignored the recommendations of the medical faculty, who by the same charter had the privilege of nomination. This turmoil spilled over into the General Assembly who solved the problem by the chartering of a new, independent institution on February 25, 1854 – the Medical College of Virginia (MCV).

During its first few years, MCV struggled to maintain its reputation as it battled financial hardships and public scrutiny. Individual faculty members advanced their own money for expenses to keep the school open. Also, a large portion of Virginia physicians, embittered about the preceding fight, allied against the institution, attacking the faculty and exposing every weakness of the College. This was the beginning of a long standing bitterness between the Virginia physicians and the faculty of MCV.

Despite this difficult time, MCV was still able to attract many prominent physicians to the faculty. One of the most memorable was Dr. Charles Edward Brown-Séquard, who served as Chair of the Institutes of Medicine and Medical Jurisprudence from 1854 to 1855. In the basement of the Egyptian Building, he conducted the research that led to an internationally acclaimed paper on endocrinology and another on the physiology and pathology of the spinal cord during his tenure at MCV. His experimental animals

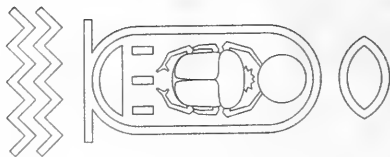


filled the basement, causing so much noise that professors and students found it difficult to hear during lectures. One of his more well-known experiments included implanting a dog's tail in the comb of a rooster and nurturing it until it took root and grew there. Dr. Brown-Séquard was known for his eccentric teaching styles, such as swallowing sponges attached to strings and withdrawing them before the class to demonstrate digestive fluids in action. In order to learn more about the human body's need for sweating, he "bedaubed himself from head to foot with waterproof varnish, and sitting down, notebook in hand, proposed to record the phenomena as they arose....Among the first things he noted was that he was beginning to die." Fortunately, one of his students, William H. Taylor, found him unconscious on the floor, and with "assiduous scraping, rashing, and sandpapering," was able to save Brown-Séquard's life. His passionate love of science and his compelling nature to reveal its secrets for first-hand observation made a lasting impression on his students. Today, he is also internationally

known for the neurological disease named after him, the Brown-Séquard syndrome.

In the late 1850s, as the gap between the North and South became even more evident, Southern schools began urging Southern students to remain in Southern institutions. It was not until October 1859, however, that students really considered going back to the South. John Brown's raid on Harpers Ferry in October, 1859 and his subsequent hanging at Charleston on December 2, 1859 were the precipitating events that led to a few hundred medical students seceding from their Northern medical schools. In December 1859, Drs. Hunter Holmes McGuire and Francis E. Luckett, while teaching a class, rallied some 400 Southern students in Philadelphia from Jefferson Medical School and the University of Pennsylvania Medical School to come home to the South. On December 17, the first of several telegrams was sent to the faculty of MCV asking whether the students would be admitted to MCV to finish the rest of the session and on what terms. The faculty eventually decided that they would admit those students who had regularly matriculated and paid their fees of tuition in Philadelphia without charge for the remainder of the session. They agreed that these students would be treated as if they were their own students in terms of graduation and all other respects. On December 22, 1859, 244 students arrived in Richmond, mostly from schools in Philadelphia and a few from New York. As more students seceded from the Northern schools, the student body grew larger. In the end, 144 students decided to permanently stay at MCV while the others continued southward to other medical schools that decided to open their doors. Along with the 26 original members of the class, 56 additional students graduated in March 1860.

With the addition of so many students, nearly tripling the size of the student body, the faculty went in search of new sources of funding to expand MCV. In 1860, the Medical College of Virginia went from being privately owned to a state institution. In return for a \$30,000 appropriation from the legislature, MCV conveyed all of its property to the Literary Fund of Virginia. This placed MCV not merely under the patronage of the state, but under its absolute ownership and control. Now, there were enough funds to build the first hospital building called the College Infirmary. This three story brick building with a basement had a bed capacity of 80 and cost \$22,336.57, located adjacent to the College.



The Civil War

The Civil War erupted in 1861 and continued until 1865. During these four years, the Medical College of Virginia was the only Southern medical school to remain open and the only school to graduate a class during each of the years of the Civil War, providing an invaluable service to the South. The five month session was reduced to four months, and many students were sent to the front with hardly any medical experience. Dr. Simon Baruch, class of 1862, commented on being sent out to do major surgery while he had never even lanced a boil. The entire faculty of eight professors not only managed the medical school, but also served some post in the service of the Confederacy.

Dr. Hunter H. McGuire, even though he is credited as one of the leaders of the secession of Philadelphia medical students, was actually only twenty-six years old. In reporting for duty, General T. J. "Stonewall" Jackson did not think he was old enough to be a doctor, however, Dr. Hunter H. McGuire soon gained his confidence and they became friends. He is probably best known for the amputation of the arm of Stonewall Jackson, which subsequently, one week later, resulted in his demise.

One of the most noteworthy faculty contributions was that of Dr. James B. McCaw, Professor of Chemistry. He established the Chimborazo Hospital and served as surgeon-in-charge and commandant until he surrendered the facility to federal control. Chimborazo Hospital opened on October 1861 and was the largest hospital that had ever existed in the western world, possibly the largest in the world, treating more than 76,000 patients throughout the four years of the Civil War. With only 7,000 deaths throughout the Civil War, it had one of the lowest mortality rates of that era of only 20 percent; while dismal by today's standards, it was actually quite remarkable considering it was during the era before antibiotics, antiseptic surgery, and widespread understanding of the germ theory. Chimborazo Hospital was innovative, pioneering several new techniques in



medicine and Confederate leaders viewed it as one of the finest hospitals of their new nation.

In 1862, one of MCV's alumni, Dr. William

Latané, became part of J. E. B. Stuart's cavalry, not as a physician, but as a cavalry officer. He is well known as being the only casualty in Stuart's famous "Ride around McClellan" of April 1862. The story of his death and burial is well known in the South. Following his death by hand-to-hand combat, his brother attempted to return his body to their family. He was then taken prisoner by Federal troops, leaving the body with Mrs. Catherine Brockenbrough, who had to arrange the burial herself. She and a handful of women and children along with a few male slaves were the only ones present at Dr. Latané's funeral, leaving her to read the funeral service herself since the Federal troops would not allow a clergyman to pass through their lines to conduct the service. His burial was depicted in a famous painting, "The Burial of Latané," which still hangs in Virginian homes today.

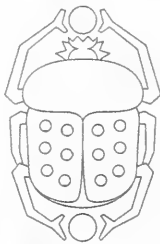
The Civil War was a difficult time for MCV as resources were scarce and prices were rising. The faculty petitioned for the right to purchase items from the Confederate commissary at government prices so they could have essential staples such as salt, bacon, and butcher's meat. Prices for admission and medical attendance were raised, and on March 1, 1865, in order to remain open, MCV was forced to sell its only ambulance horse at auction, bringing only three times the price of a bushel of corn. With rising costs and waning funds, they could no longer afford to operate the hospital, so patients were moved back to the wards in the Egyptian Building. The College Infirmary was rented as a rooming house and part of its furnishings were sold at auction, bringing in little money to help continue the teaching program.



The Reconstruction

Following the end of the war, the Medical College of Virginia was still struggling for funds. The General Assembly came to the rescue in 1866, appropriating \$1500 to reimburse the faculty for advanced funds used for repairs, insurance, and replacement of buildings and items destroyed during the war. For several years, thereafter, appropriations in the same amount were made annually. During this time, the enrollment of MCV also declined from 60 to 20 and the number graduated each year from 20 to 10, despite the efforts made by the MCV faculty. This was not out of the ordinary for this time period because the Reconstruction was a period of decline for the white male in the South.

In 1867, the faculty established MCV's first outpatient clinic by agreeing to cooperate with the Freedmen's Bureau and the City of Richmond. The clinic was designed for the "dispensary for the relief of the sick poor, both white and colored." Three or four rooms in the Egyptian Building were used on the condition "that the faculty shall have command of the clinical material which may be afforded by the Dispensary."



On January 22, 1879, MCV expanded its program to not only the training of physicians but also of pharmacists. While pharmacy had always been taught as part of the medical curriculum, the General Assembly amended MCV's charter to "confer the degree of graduate in pharmacy upon such candidates as – having completed two full courses of lectures on materia medica, therapeutics, and on chemistry and pharmacy, and having been thoroughly examined by them and complied with such regulations as may be adopted by the faculty – shall be deemed worthy of distinction." The students who had completed these courses and had two years in an approved drug store were deemed graduates in pharmacy. The first graduates of the School of Pharmacy were three Richmond men in 1882. This was only the beginning of the Medical College of Virginia's expansion to ultimately embrace education for all the recognized health professions.

Yet another crisis for the Medical College of Virginia arose in 1882. There was much speculation about inadequacy of the preparation for the practice of medicine. Fees were said to have been cut and scholarships abused, forcing Governor William E. Cameron to take some sort of action. He decided to revamp the Board of Visitors, appointing a new board and retaining only two of the old, both of whom declined to serve. The new Board of Visitors attempted to visit the College and inspect the books upon the request of Governor Cameron, but met resistance. Outside the Egyptian Building, Dean James B. McCaw and Dr. John S. Wellford were standing guard with a police officer, refusing admission to the newly appointed Board. When W. E. Sims attempted to enter the building, he was arrested. The new Board attempted two more times to eject the faculty, but failed. The old Board of Visitors believed they were still the only legally qualified Visitors, and appointed a committee to confer with the Attorney General. No progress was made, and the matter was finally settled by the Supreme Court of Appeals, ruling in favor of the old Board on April 30, 1883.

While the Governor had failed to replace the Board of Visitors, the Medical College of Virginia remained under scrutiny within the medical community for some time, with editorials often insulting the Board of Visitors, one in particular questioning whether the Dean was perhaps "more knave than fool."

The Turn of the Century

In 1893, a second medical college opened its doors in Richmond, just a few blocks from the Egyptian Building known as the College of Physicians and Surgeons. The following year it changed its name to the University College of Medicine (UCM). Founded by Dr. Hunter H. McGuire, former

professor of surgery at MCV and Civil War hero, he established three separate divisions for the new school – Medicine, Dentistry, and Pharmacy. The curriculum for medicine and dentistry were each three years, whereas pharmacy was only two. The wartime residence of Confederate Vice President Alexander H. Stephens at Twelfth and Clay streets was converted into a college building, and the former mansion of Dr. John Brockenbrough at the corner of Eleventh and Clay, became the hospital for the College, named Virginia Hospital. The building was remodeled to provide 62 beds, and in 1895 an annex was added, bringing the total number of beds to 125. They also established a new training school for nurses, the Virginia Hospital and Training School for Nurses. In 1900, Dr. Hunter H. McGuire passed away, leaving his son, Dr. Stuart McGuire, to carry on his ideas and passion for improving medical education in the South. A disastrous fire in 1910, destroying the college and damaging Virginia Hospital, put UCM in a desperate situation for funding, but a munificent contribution of \$100,000 from the Richmond citizens came to the rescue, and was used toward the erection of another new building. While the new building was being constructed, the Old Millhiser Tobacco Warehouse was used as the main college building. In 1912, McGuire Hall, named after Dr. Hunter H. McGuire, opened as the new home of the University College of Medicine.



The creation of a new medical school in Richmond was a great stimulus for change within MCV to find ways to improve medical education and to expand its program to include more fields. Following the example of the University College of Medicine, MCV expanded the medical curriculum to three years in 1894. A two-year course was established in 1895 for nursing at the Old Dominion Hospital,

formerly known as the College Infirmary. Great effort was made to put the School of Nursing upon a place of efficiency and standing as soon as possible, and so Miss Sadie H. Cabaniss from Johns Hopkins Hospital was appointed superintendent. Her education, training, ideals, and force of character contributed to the formation of a school of nursing whose high standards are still pointed to with pride



and gratitude. In 1897, the School of Dentistry was authorized and a three-year graded curriculum established. Also, the School of Pharmacy was formally organized and remained a two-year graded curriculum. In 1899, MCV lengthened the medical curriculum to four years, the first in the state to adopt this advance. The faculty size of MCV also grew to match that of the University College of Medicine. Much of the change was led by Dr. George Ben Johnston, who served as Professor of Surgery of various surgical departments during his time at MCV. He has been credited with many advancements in surgery, including introducing



Listerism, the foundation of antiseptic surgery, to Virginia in 1879. In 1903, Dr. Johnston founded a hospital at MCV – Memorial Hospital. Located at Twelfth and Broad Streets and with 200 beds, it was “the largest hospital between Baltimore and New Orleans.” Though this brought great attention to MCV, it also caused

some problems – the costs to run the hospital far outweighed the budget MCV had available.



Both medical schools constantly pointed out the short comings of the other and often fought over incoming students, sending greeters to the train station to persuade the young men to study at their institution. While an intense rivalry existed between the two institutions, it forced every physician to study and teach medicine and accomplished what MCV alone had not been able to do – it attracted Virginian students to remain in Virginia for their medical education. In just one year, the number of Virginian students in Virginia institutions increased from 225 to 450.

Early in the first decade of the 20th century, Dr. Simon Flexner traveled around the country visiting medical schools. He published his findings in 1910 in what is now known as the Flexner Report, a report that changed the face of American medical education and resulted in the closing of many medical schools and the consolidation of others, leaving the country with fewer but stronger medical schools. In February 1909, Dr. Simon Flexner visited both medical colleges in Richmond. His report stated:

The destruction by fire of the University College of Medicine at Richmond should precipitate the consolidation of the two independent schools. Separately neither of them can hope greatly to improve its present facilities, which, weak in respect to laboratories and laboratory teaching, are entirely inadequate on the clinical side. Their present hospitals utilized together, though still unsatisfactory, would at any rate be much more nearly adequate than is either hospital taken by itself; and the combined fees would furnish much better laboratory training than either school now gives. A single independent school of the better type might still have in Virginia a brief term of prosperity,—the more so as the medical department of the University of Virginia is on a considerably higher basis.

While Flexner did not hold either MCV or UCM in high regard, a compilation in 1911 by the American Medical Association (AMA) said something different. Dr. Christopher Tompkins, MCV alumnus, former Professor of Anatomy and of Obstetrics, and Dean since 1893, stated in his farewell address as dean in 1913 that the AMA report showed “that of all the medical colleges in the United States, and taking them in the order in which their graduates passed the various medical examining boards, the Medical College of Virginia stood fourth,” with Rush,



Johns Hopkins, and Cornell ranking above MCV.

Dr. Flexner was not the first to think of amalgamating the medical schools in Virginia. The first idea came in 1899 at an

MCV faculty meeting where they discussed the possibility of merging with the University of Virginia medical school. In 1906, members of the faculties of MCV and UCM began seeing that the merging of their two schools was becoming necessary and was probably inevitable. The first attempt to consolidate the two schools was in 1910. MCV had made its buildings and appliances available for UCM to use after the devastating fire of 1910. It was assumed that the two schools would merge after this, and while the MCV faculty unanimously approved this merger, the plans fell through and failed. Two years later, a bill was introduced to the General Assembly calling for the merging of MCV, UCM, and UVA, based on the thought that there should only be one medical school in Virginia. While most were in favor of the merger, the plan failed because funds expected from the Rockefeller Foundation did not materialize.

In 1913, plans were finally set in motion to merge MCV and UCM. Drs. Stuart McGuire and George Ben Johnston appear to have been the most influential in the consolidation of the two medical schools. At first, the faculty of both schools could not come to an agreement over how to merge the two schools. Dr. Johnston spoke with Dr. McGuire, stating that he was going about it the wrong way and that it was hopeless to think that the two rival faculties would ever agree on the terms of the new college, but he had a solution. He called for a joint meeting of the two boards where they dismissed their faculties and together appointed a faculty for the new school, which retained the name of the Medical College of Virginia.

The following year, World War I began and the new MCV took several steps to help with the war effort. In the spring of 1917, 15 students graduated early to serve in the Naval Medical Corps. Also, in April, Dr. Stuart McGuire, who was the dean and executive officer of the College as well as Professor of Surgery, was commissioned as a major in the Army Medical Service. He quickly moved up in the ranks, becoming the Virginia member of the Council on National Defense, Director of the Base Hospital 45 organized under the Red Cross at Richmond, and advisor to the Surgeon General, U.S. Army. The following year, he delegated his responsibilities at MCV, closed Saint Luke’s Hospital, a private hospital his father had established, and took the Saint



Luke’s nurses along with the personnel of Base Hospital 45 to sail to France. Established at Toul, the unit, accredited to the Medical College of Virginia, served with distinction and Dr. McGuire’s services won him a full colonelcy.





With the war pulling many of its students away, there was a need for women graduates in the Schools of Medicine, Dentistry, and Pharmacy. In November 1917, a proposal was put forth to all three schools on whether or not to admit women and was passed unanimously.

The Board of Visitors and the faculty soon agreed, and the first women were enrolled in the fall of 1918. The first women graduates in the three departments were: Medicine – Innis Steinmetz, 1920 (pictured above); Dentistry – Esther Margaret Cummins, Constance O. Haller, and Tillie Lyons, 1922; Pharmacy – Margaret Ella Savage and Ruth Vincent, 1921.

Another crisis pulled more students from MCV – the influenza pandemic of 1918. This pandemic crippled every nation worldwide, killing between 20 and 40 million people. The minutes of the Board of Visitors in the fall of 1918 indicate:

Near the first of October, 1918, the influenza situation became so acute that the services of all doctors were demanded to attend the victims and a call came from the State health Department for students of the advanced classes to assist in fighting the epidemic. It, therefore, became necessary to suspend the senior and junior classes and their services were tendered the State health Department. They rendered valuable services in various portions of the State. For a time, the Freshman and Sophomore classes were continued, but the need for orderlies, as well as executive officers, in the John Marshall High School Emergency Hospital rendered it necessary that both the teachers and students of the second class be released. The Freshman class was continued throughout. The College was practically in suspension for twenty days and the session has accordingly had to be lengthened to that extent.

The following year, MCV faced yet another obstacle. After being reviewed by the AMA's Council on Medical Education and Hospitals, MCV's Class A accreditation was almost taken away. The report was extremely harsh on MCV, stating:

Because of its inadequate supervision of preliminary credentials; because of its almost total lack of qualified, full-time salaried teachers; because of the confusion resulting from crowding together classes of medical, dentistry, and pharmacy students; because of the poorly arranged laboratories; because of its total lack of constructive research; because of its failure to obtain adequate post-mortems; because of its poorly developed library and museum; because of its lack of adequate supervision; because of the lack of adequate organization of its faculty and because of failure to use to even a moderate degree the clinical facilities available, this college does not belong and should not be retained among acceptable medical schools.

Despite this blistering report, MCV's Class A rating was not taken away, instead, it was warned that unless the college had evidence of "a thorough reformation before the classification of medical schools...in the spring of 1921, the Medical College will not be placed in Class A." Dr. Stuart McGuire was president at that time, and he took the necessary steps towards improving MCV. He sought to acquire new faculty and to improve the current teaching staff as well as the curriculum for all the schools. During the next two years, he boasted of having almost 100% of graduates from all schools passing their state boards. In 1921, MCV's Class A rating



was not taken away, but they were still under close scrutiny, and in 1935 MCV was officially placed on confidential, conditional probation, which wasn't removed until 1953.

With Dr. McGuire as president, MCV began to grow in many directions. The faculty grew with the addition of many full-time basic science faculty, and the campus grew as well. In 1920, MCV opened St. Philip Hospital – the first hospital exclusively for black patients. Before this, they were cared for in the basement of Memorial Hospital. Within St. Philip Hospital, another School of



Nursing was established, but this one was for black nurses. Also in 1920, the Dooley Hospital was donated by Major James H. Dooley. It was built for patients with contagious diseases, but was first used for white orthopedic and then white pediatric cases. With all of his responsibilities – maintaining a surgical practice,



administering the clinics and hospitals, directing the MCV surgery department, and serving as MCV president – Dr. McGuire decided to relinquish his presidency in hopes of better serving MCV by focusing his attention on fewer things. His vision led to the selection of MCV's next president – Dr. William T. Sanger.

The Sanger Era

It was difficult to attract people to the presidency of a school that was tottering on the brink of bankruptcy and was facing the threat of having its Class A rating removed. While several eminent educators turned down the position, Dr. William T. Sanger, secretary of the State Board of Education, accepted the position and became MCV's third president on July



1, 1925. In his earlier days as a student, Dr. Sanger received his Ph.D. in psychology in 1915, although he aspired to obtain a degree in the basic medical sciences in order to go into clinical medicine. Although not aware of all the problems that plagued MCV when he took office, Dr. Sanger immediately set things in motion, bringing about the greatest change at MCV during his presidency than anyone before him.

One of the first changes Dr. Sanger made was to put the nursing program on an equal level as the Schools of Medicine, Dentistry, and Pharmacy. The School of Nursing had its first dean, Elizabeth C. Reitz, appointed in 1925. Two years later, MCV was distinguished as being "one of the few Class A schools of nursing."

Dr. Sanger appointed the first full-time, salaried heads of the departments of medicine, surgery, and pediatrics. In 1926, Dr. William B. Porter, MCV class of 1911, became the first full-time Chairman of Medicine. He was praised by students and colleagues alike, and the *Virginia Medical Monthly* described him as "a



Dr. William B.
Porter



Dr. Isaac A.
Bigger



Dr. Lee E.
Sutton

superb diagnostician and a wonderful teacher.” Dr. Isaac A. Bigger joined the faculty in 1930 as the Chair of Surgery and Surgeon-in-Chief. At the age of thirty, he was the youngest Professor of Surgery in the United States and considered a pioneer in thoracic surgery, serving as president of the American Association for Thoracic Surgery. During this time, he was very involved in several national organizations such as the Southern Society of Clinical Surgeons. He became president of the Southern Surgical Association, precursor of the American College of Surgeons. His influence led to the creation of the Society for Vascular Surgery, of which he was vice president, and the Virginia Surgical Society. Dr. Lee E. Sutton, Jr. joined the MCV faculty as Associate in Pediatrics in 1928. Four years later, he became dean of the medical school, and ten years following that he was appointed Chairman of Pediatrics.

To help with the financial problems, Dr. Sanger approached the Governor regarding whether or not MCV was a state institution. The Governor said that while MCV received state funds, it was not a state institution in the fullest sense. Sanger, however, disagreed and provided evidence that the Virginia Supreme Court of Appeals had said that MCV was indeed a state institution in 1882. This information made it possible for the college administration to argue successfully for larger state appropriations. He was also able to acquire many funds from alumni, friends, and former patients and through various fundraisers, he was able to raise enough money to add several new buildings to the campus as well as to renovate some of the older ones.

One of the first additions was a new dormitory for nurses, constructed in 1928 and named for Sadie H. Cabaniss. The following year the Medical College Library was built in conjunction with the Richmond Academy of Medicine (RAM) building. The adjoining buildings enabled MCV and RAM to function in close collaboration. In hopes of expanding MCV’s physical facilities, as had been suggested yet again by the AMA, Sanger began six projects in 1936 – a central heating plant, a modern laundry, a clinic and laboratory on the site of the old Retreat Hospital, a dormitory on Twelfth and Marshall streets, a complete greenhouse for the School of Pharmacy, and a tunnel system almost completely connecting McGuire Hall to Memorial Hospital. The dormitory, Hunton Hall (pictured on left), was completed in 1938 and was



used for hospital house staff and students. It contained lounges, bedrooms, baths, reading rooms, a cafeteria, auditorium, and barber shop. The A. D. Williams Memorial Clinic (pictured on right) opened in 1938, replacing the

Virginia Hospital. Also during this time, the old First Baptist Church, adjoining the college on Broad Street, was acquired for use as a student center. By 1941, the Egyptian Building and McGuire Hall had been renovated and expanded.

The largest project that Sanger took on was the building of an 18-story hospital that had the capacity for housing 600 beds. He realized that MCV needed to have an up-to-date and modern hospital if they were to ever hope of getting rid of the conditional probation. The cornerstone was laid on September 18, 1939. It contained “a white elephant with trunk upraised (a symbol of good luck); a Jefferson nickel (to insure the hospital will never ‘go broke’), and a roll book of the senior class in medicine (1940), with a photo of each student.” On December 5, 1940, Founder’s Day for the 103rd session, MCV Hospital opened.



The year before, World War II had begun with Hitler’s invasion of Poland in September 1939. Many students were being summoned to serve overseas; with 29 seniors in the medical class completing the

four year ROTC training course, with 60 freshmen, 45 sophomores, and 23 juniors were behind them. A class of Naval reserve ensigns was organized – “the first ever to be commissioned in a rank below lieutenant junior grade in the history of the Medical and Dental Corps of the Navy, is another first for the Medical College,” and the origin of the Armed Forces Health Professions Scholarship Program. As done during WWI, the college wanted to organize a hospital unit for service overseas. It became a priority after the US entered the war in December 1941. General Hospital 45 had many of the same functions as Base Hospital 45 of WWI. The surgeon general praised General Hospital 45 saying:

By its valor, it won the admiration and respect of all who were entrusted to its care. The service, cooperation, and loyalty of this unit, under circumstances never before encountered in the long history of conflicts, is worthy of the highest praise, and its achievements are an inspiration to all.



Following WWII, MCV began working with Richmond Professional Institute (RPI) through President Sanger's influence. The MCV School of Therapy, established as a center for teaching and research in physical medicine, with special reference to hydrology, climatology, and spa therapy, was established as a joint effort with MCV and RPI in 1945. The school was named for Dr. Simon Baruch, an 1862 MCV alumnus, Confederate surgeon, and founder of hydrotherapy in this country. Also within the Baruch Center of Physical Medicine, coursework leading to the degree of Master of Science was offered starting in 1948. This included bacteriology, biochemistry, and pathology. The 1948-49 session was the first time that work leading to a Ph.D. in certain disciplines was offered, and by the session of 1959-60, there was a great increase in the number of graduate students working for their Ph.D.

The School of Hospital Administration was established in 1949, under the guidance of Dr. John B. Williams and Charles P.



Cardwell. It was headed by Cardwell, who had a national reputation, eventually being awarded the gold medal of the American College of Hospital Administrators for his achievements. MCV awarded him an honorary degree of Doctor of Hospital Administration.

The School of Medicine had several notable faculty members and produced several noteworthy graduates during this time, many of whom made great contributions to the study and practice of medicine. One such person was Dr. Porter P. Vinson, head of bronchoscopy at MCV since 1936. At MCV, he was professor of bronchoscopy and gastroscopy and trained students in the newer field of endoscopy. He was internationally known for bronchoscopy and diseases of the chest and regarded as an expert on diseases of the esophagus. Today, an esophageal disease is named after him, the Plummer-Vinson syndrome. A famous graduate from the class of 1906, Dr. Russell Cecil, became internationally known and was cited as "undoubtedly the best-known American physician in the world." His fame came from his novel idea that old-style medical textbooks by single authors were outmoded, "since the scope of medical knowledge was far surpassing the capacity of any single individual to encompass." He began compiling chapters on the various aspects of medicine written by people considered to be experts in their field. In 1927, the first *Cecil Textbook of Medicine* was published, and became a standard in medical schools. By 1966, it had sold over twelve million copies in English alone, not counting the various translated versions. It is still in use today and is on its 22nd edition.

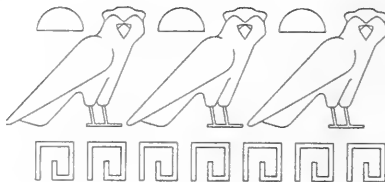
The School of Dentistry flourished under the deanship of Dr. Harry Bear. He had greatly expanded the faculty by the addition of a number of full-time teachers, and he helped establish a department of dental research. While also serving as president of the American Association of Dental Schools and the American Society of Oral Surgeons and Exodontists, he was able to increase the dental school's enrollment from 20 to 190. During his



time, the Wood Memorial building was under way, though he was unable to see it to completion. The building was completed four years after his death in 1954, and the Harry Bear Museum was established within the Wood Memorial Building. Today, his descendant Dr. Harry Bear, is the Chair of the Division of Surgical Oncology.

The School of Pharmacy also expanded during this time under Dean Wortley F. Rudd, from 1920 to 1947. With a degree of Ph.G. being offered, another degree was added – Bachelor of Science in Pharmacy. The two-year course was expanded to three years in 1925 and then to four years in 1932. This expansion required the school to call upon other institutions such as the extension divisions of Virginia Polytechnic Institute and the College of William and Mary in Richmond. They provided the basic college courses such as physics, mathematics, English, and other humanities, which are now program requirements. During WWII, the relations between MCV and the other schools were ended, and part-time instructors from the University of Richmond taught the courses. With the expansion of its curriculum, the School of Pharmacy finally gained accreditation in 1939, but on the condition that certain improvements were made. Following Dean Rudd's term, Dr. Robert Blackwell Smith became Dean in 1947. He reported in 1951 that the school "has now been classified as a Class A school, as a result of the recent inspection by the accrediting group of the American Council on Pharmaceutical Education, this being the first definitive classification of this kind."

1951 also marked an important year for MCV – the year in which it admitted its first black student into its professional departments. Miss Jean L. Harris sought to enter medical school in 1950. After a unanimous vote by the executive committee of the Board of Visitors, she was admitted in 1951. The Board said that "race shall not be a consideration in the admission of students," four years before the United States Supreme Court ordered such admissions. Miss Harris graduated in 1955 and completed her internship at MCV, where she was later appointed to direct the Center of Community Health. She was noted as being very qualified and was accepted among her peers "without serious difficulties." Her success in the School of Medicine led to the enrollment of other minority students in all schools.



A University is Born

For a long time, MCV would have benefited from joining a university. The medical school had continuous problems with accreditation ever since its low marks in the Flexner Report, which was biased heavily towards university affiliated medical schools. The AMA and American Association of Medical Colleges visited MCV in 1919 and gave the medical school such low marks that it almost lost its Class A rating. Finally, in 1935, the school was placed on confidential probation that lasted until 1953. During this period the dental school also had problems with accreditation and was even ranked as Class B for a few years. These difficulties along with financial woes led many to push for a university affiliation.

University affiliation was not a new subject for MCV, which almost joined UVA a total of three times in its history, and the University of Richmond one time. Two out of the three times legislators in the General Assembly pushed for the affiliation and once the UVA Board of Visitors (BOV) and President pushed for it. In each instance MCV was only lukewarm in interest. The most likely union between the University of Richmond and MCV would have occurred; however, the Carnegie Foundation of New York resolved not to fund the union, even though both parties were sanguine to the proposal.

The impetus to found a new university in Richmond began in 1965 when the Higher Education Study Commission, headed by Senator Harry Bird, declared that Richmond needed a "bold new development, with the establishment of a major university under state control." The Commission went on to recommend that the union of MCV and Richmond Professional Institute (RPI) would best accomplish this goal. At that time, these two schools already shared resources and even had a joint degree program.

The following year Governor Godwin appointed Edward Wayne, President of the Richmond Federal Reserve Bank, to lead a commission to implement the union of MCV & RPI. The Wayne Commission found that MCV would benefit from becoming "a part of a university of the first rank," a sentiment felt throughout MCV and among its alumni. The MCV President during all this was Dr. R. Blackwell Smith. He followed Sanger's tenure and was an alumnus of the MCV School of Pharmacy in 1937 as well as its dean prior to his presidency. President Smith stated that he was not aware of any disagreement as to the need for an urban university in Richmond. He added that the Medical College faculty was particularly enthusiastic about the idea.

The merger was not initially greeted with support. Many believed that joining RPI would not constitute a university of the first rank and may do more harm than good. Most did not know, however, that MCV held such a tenuous grip on accreditation. The issue was taken up by the General Assembly in 1968, but it was not acted upon without modification. Friends of MCV and alumni in the legislature were afraid of MCV losing its identity so they obtained passage of an amendment that read "the college, schools, and divisions heretofore existing as the Medical College of Virginia shall, as of July 1, 1968, be designated the Medical

College of Virginia, the Health Sciences Division of the Virginia Commonwealth University." Edward Wayne was opposed to the amendment and stated that "this amendment was intended to continue the independent status of the Medical College," and "in effect, it delayed the hope for creation of one university for a generation." Many at MCV would disagree with this assertion as the act clearly defines MCV as a college within VCU, allowing for the retention of a venerable and storied past. This sentiment was punctuated by the fact that at that time, MCV was becoming one of the leading medical centers in the country.



In the decades before VCU's founding, MCV was entering into a golden era of discovery. By 1950 Dr. Everett I. Evans was making an international name for the surgery department at MCV. He is credited with forming the first civilian burn unit in the country, but more importantly, his research at MCV led to his 1952 seminal paper in *Annals of Surgery* entitled "Fluids and Electrolyte Requirements in Severe Burns," which culminated in the "Evans' Formula" that has been used worldwide in resuscitation of burn victims. His research made Richmond an international leader in burn treatment, a reputation that is enjoyed today. He died tragically in 1956 at age 45 and his brief contribution to medicine and MCV were memorialized by the *Richmond News Leader* which wrote: "His was sadly a brief candle, but gave a brilliant light while it flamed."

Into this environment, Dr. David M. Hume of Harvard was appointed to the Chairmanship of Surgery in 1956. At the time of his appointment, faculty bristled at the idea of an outsider from Harvard taking over their department, which had been led by the Southern Dr. Isaac A. Bigger with much success. Educated at Chicago and Harvard, Hume was on the leading edge of transplant research and is credited with undertaking the first series of kidney transplants in humans during his residency at Harvard. Although a very innovative, "restless genius," as he became known, he did shake up the power structure at MCV because he was oblivious to the politics and the hierarchy at MCV Hospitals. The benefit of his style soon became apparent with his ability to change MCV into the nationally known institution and one that was affectionately known as the "Miracle College of Virginia."

Hume made MCV's transplant program the largest and oldest on the east coast. It was only rivaled by Stanford in the West. Patients would come from all around the country and world to be treated by the team of experts Hume assembled. He first recruited Dr. Richard R. Lower from Stanford's nascent cardiac transplant program. Magna cum laude from Amherst and later medical school at Cornell, Dr. Lower finished his surgical



training at Stanford. It was there that he attracted media attention for performing a heart transplant on a dog with Dr. Norman Shumway. After joining MCV, Lower pursued his research into heart transplantation and trained a surgical fellow from South Africa named Dr. Christiaan Barnard on his proposed technique. Dr. Barnard, as will be shown, went on to perform the first heart transplant in the world. That said, Dr. Lower did not go unrecognized, for he was the first American surgeon awarded the *Ernst-Jung-Preis Für Medizin* honor from University of Hamburg and was named president of the prestigious

Halsted Society.



With heart and kidney covered, Hume recruited Dr. Hyung M. Lee, a Korean M.D. from the Seoul National University to take charge of liver transplantation at MCV. Dr. Lee turned out to play a large role in the transplant world and MCV's

Division of Transplantation is named in his and Hume's honor. He developed a novel drug to suppress the immune system, post transplant, called 6-mercaptopurine (6-MP). Not only did this lead to lower rates of transplant rejection, but it was found to be useful as a chemotherapeutic agent in cancer treatment. This contribution alone has saved or prolonged innumerable lives.

These golden years of progress were not without stumbling blocks. In 1968, a suit was brought against Drs. Lower, Hume, and Lee, among others, for a transplant they performed, which was brought by none other than a young Richmond attorney named Douglas Wilder. Wilder went on to become the first black Governor of Virginia and finally the Mayor of Richmond. Luckily, the court ruled in favor of the doctors and no damages were assessed. However, the case did not come without cost for during 1968 until 1972, a court ordered moratorium was placed on transplants while the case was decided. It was during this time that Lower's former fellow, Dr. Christiaan Barnard, completed the first heart transplant. If Wilder had not sued, MCV might have won the honor of the first heart transplant. All this did not come without benefit, because this case set the legal precedent for criteria of organ harvest & donation nationwide. As Bernard Shaw wrote, "today's heresies are tomorrow's truths," can truly be applied to this situation.

Less than a year later in May 1973, Dr. Hume met his untimely death when he crashed his private airplane into a mountain due to foggy conditions. This occurred even after he was advised against flying into the bad weather. In his biography, Dr. Francis D. Moore writes of the Nobel Prize for kidney transplantation work received by his colleague, Dr. Joseph E. Murray: "Had John Merrill and David Hume been living in 1990, it is a fair guess that they would have shared the Nobel award with Joseph Murray."

Following the death of David Hume, Chair of Surgery was successfully filled by Dr. Lazar J. Greenfield, who came from

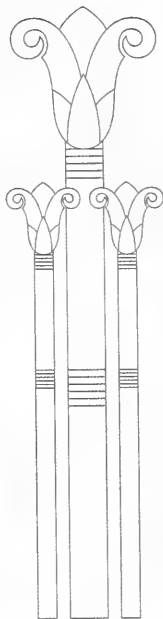
Oklahoma, where he devised the widely used vena cava filter, the Greenfield Filter, for prevention of pulmonary emboli. Greenfield alleviated much of the unhappiness at MCV while keeping the Department of Surgery in a strong position. He is also credited for an excellent and widely used textbook in surgery. In 1986 Dr. Greenfield left MCV to take the Chairmanship of Surgery at the University of Michigan.

Although MCV's national acclaim began before the formation of VCU, it grew during VCU's first fifteen years. The Health Sciences Division began realizing the many benefits of affiliating with VCU. Still unknown to most faculty and students, the Medical College ceased to have any problems with national accreditation because of the new university affiliation. Additionally, under VCU's stewardship, MCV became a national leader for lifesaving treatment. MCV was one of the few medical centers in the U.S. with an active combined program in heart, liver, kidney, and cornea transplantation. Indeed during the 1970's MCV was second only to Stanford in number of heart transplants worldwide. All the firsts of transplantation in the South occurred at MCV, and patients would fly from around the world for treatment. The Health Sciences Division could not have enjoyed this esteem without its affiliation with VCU.

While the Health Sciences Division benefited from incorporation into VCU, it still sought to maintain a distinct identity. Immediately upon its formation, VCU changed the diplomas of graduates from MCV to read VCU only and not MCV. This outraged graduating students and alumni to such a degree that the administration actually gave out two diplomas per candidate for the year of 1969, one that read VCU MCV and the other that only read VCU. This behavior is uncommonly seen among institutions of higher learning.

In 1970, the General Assembly reflected the sentiment of students and faculty when it passed House Joint Resolution No. 73 stating that "the Board of Visitors of the Virginia Commonwealth University be requested to take the necessary action to maintain the identity of the Medical College of Virginia as an individual college, existing within the administrative framework of the University; and be it further resolved that the board be requested to confer diplomas that are in keeping with those heretofore conferred by the Medical College."

Capital growth during these golden years was much needed. In 1969, the School of Allied Health Professions was created from the former School of Hospital Administration, which was championed by its new Dean Thomas C. Barker. He went on to national preeminence by becoming the president of the American Society of Allied Health Professions. Since then several divisions within that school have been established, such as physical therapy, occupational therapy, health administration, & nurse anesthesia. They have become nationally recognized, with physical therapy



being internationally known. Susanne B. Hirt, now emeritus professor, did much to increase the standing of MCV Physical



Therapy, which she headed for thirty years. She was the recipient of every major accolade and award of her profession. The graduate program in nurse anesthesia was the first of its kind in the world. It is regularly ranked number one in its field. All of these departments within the School of Allied Health Professions provide a vital role within this state and beyond by producing much needed allied health professionals.

The School of Dentistry became internationally known during the tenure of Dr. Harry Lyons as the Dean from 1951-1970. Arguably the most famous dentist from Virginia, Dr. Lyons was the recipient of the highest award in dentistry, the Distinguished Service Award from the American Dental Association (ADA). The rest of his awards and honorary degrees are too numerous to name. He is the only Virginian elected president of the Virginia Dental Association, American Dental Association, the American Association of Dental Schools, the American Academy of Periodontology, and the American College of Dentists, as well as being one of only five people to have served in all those capacities in the U.S. He also served four terms as Speaker of the House of Delegates of the ADA and was named the outstanding alumnus of MCV in 1985. The main School of Dentistry building is named in his honor.



The MCV School of Dentistry is often referred to as the "Mother of Deans," because more than twelve faculty or alumni have become deans or higher in universities since 1960. MCV's influence on dental education does not stop there. In 1991 Dean Lindsay Hunt guided dental students & faculty to create their own professional oath similar to the Hippocratic one:

I (name of dentist), as a member of the dental profession, shall keep this pledge and these stipulations:

I understand and accept that my primary responsibility is to my patients, and I shall dedicate myself to render, to the best of my ability, the highest standard of oral health care and to maintain a relationship of respect and confidence. Therefore, let all come to me safe in the knowledge that their total health and well-being are my first considerations.

I shall accept the responsibility that, as a professional, my competence rests on continuing the attainment of knowledge and skill in the arts and sciences of dentistry.

I acknowledge my obligation to support and sustain the honor and integrity of the profession and to conduct myself to the betterment of my community for the benefit of all society.

I shall faithfully observe the Principles of Ethics and Code of Professional Conduct set forth by the profession.

All this I pledge with pride in my commitment to the profession and the public it serves.

This oath has now been adopted nationally by the American Dental Association for all dentists to swear by.

Famous Alumni and Marked Expansion

One of the great triumphs of the Medical College's history is when the medicine alumnus from the class of 1945 Dr. Baruj Benacerraf was awarded the Nobel Prize in Medicine and Physiology in 1980. Chairman of the pathology department at Harvard, his award was made for "discoveries on how genetically determined cell structures determine whether a person successfully combats cancer and other diseases." His research translated into conclusive proof of B and T Cell function, an understanding of which is considered commonplace in medicine today.



Dr. Benacerraf was born in Venezuela of a Moroccan father and an Algerian mother. In the early 1940's he applied to twenty-five medical schools and was turned down by all except MCV, probably because of his Jewish, North African background. At MCV, Benacerraf was "close to the top of his class academically," and his classmates remembered

him as "a brilliant and likable person." Following graduation, he joined the Army Medical Corps and finally went on to begin a career of research at Harvard. He is probably the greatest contributor to medical knowledge MCV has ever produced.

Only one other MCV alumnus rivals the accomplishments of Dr. Benacerraf. Dr. Saul Krugman, alumnus in medicine in 1939, was honored with the Albert Lasker Public Service Award in 1983 for his studies in hepatitis, rubella, and measles, which culminated in the hepatitis B vaccine, now used around the world. The Lasker award is considered the American equivalent of the Nobel Prize and is second to none in the U.S. Now a professor of pediatrics at NYU, Krugman also discovered that children could be protected from measles by means of vaccine, and in 1969 proved a similar effect with rubella. Rubella has been practically wiped out in this country because of his research. Forty-eight percent of Lasker recipients go on to receive the Nobel Prize, and it will be no surprise if Dr. Krugman goes on to win that honor.

Another famous alumnus from MCV is Hunter "Patch" Adams. His biography at MCV was immortalized by the movie *Patch Adams* where he was portrayed by Robin Williams. His dissident views brought him into conflict with members of the faculty and student body. Nonetheless, he went on to attain his degree in 1971 and founded the Gesundheit Institute in West Virginia to pursue his style of medical treatment.

Arguably, the VCU president with the most influence over the VCU Health Sciences Division before President Trani's tenure was Dr. Edward Ackell. Holding both an M.D. and D.M.D. from Case-Western and Tufts, respectively, he was particularly apt to dealing with the Medical College and its issues. Under his stewardship, 1982 saw the erection of a new 539 bed hospital, Main Hospital, which was a much needed boost to move beyond

the outmoded West Hospital of Sanger's era. 1983 saw the addition of the Massey Cancer Center, by donation from the Richmond Massey family, which formed the nucleus of what would later become the only National Cancer Institute designated cancer center in the Commonwealth of Virginia. Parallel to these developments, the Veterans Affairs Administration decided to build an 814 bed hospital that would be affiliated with MCV. The VA Hospital was named in honor of MCV's very own, Dr. Hunter H. McGuire, who was its longtime surgical chief. Finally, he united the MCV Alumni Association and the VCU Alumni Association for mutual benefit. These years punctuate the expansion of what makes the collection of MCV Hospitals the largest regional medical center, and fourth largest in the country.

The Massey Cancer Center's first director was Dr. Walter Lawrence, Jr., chairman and founder of the Division of Surgical

Oncology, which was the first of its kind in the nation. Dr. Lawrence is a nationally known authority on cancer and was former president of the American Cancer Society and former chair of the American College of Surgeons Commission on Cancer. Many consider him the father of surgical oncology and he continues to teach today as professor emeritus in the Department of Surgery.



MCV Enters a New Era

The late eighties and nineties continued to produce luminaries at MCV. The Department of Internal Medicine gained a rising star when Dr. Richard "Dick" Wenzel was appointed its chair in 1995. Dr. Wenzel had a long and distinguished career in epidemiology and infection control. Serving in the U.S. Navy, he was distinguished as the Chair of Virology for Navy research programs and then went on to faculty appointments at Iowa and UVA. He is the author of over 450 publications, the editor of five textbooks and the lead editor of *A Guide for Infection Control in the Hospital*. For many years, a member of the editorial board of *The New England Journal of Medicine*, and the journal's first Editor-at-Large, he is a nationally known expert and attracts faculty and residents of the finest quality to MCV.

In the late nineties, MCV, once again, led the way in transplantation discovery. A team of transplant surgeons composed of Drs. Amadeo Marcos, Robert Fisher, and Marc Posner performed the first series of living-donor liver transplants in the world. Since that time, Dr. Marcos has gone on to chair the University of Pittsburgh Division of Transplantation and perform over 150 of this type to date. Drs. Fisher and Posner continue this operation at MCV which has the potential to save the lives of thousands of



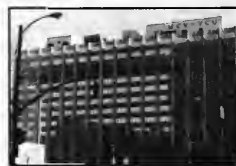
people on donor lists awaiting livers. These clinicians carry on the vision of discovery espoused at MCV since Hume came in the fifties.

Faculty members in the Departments of Family Practice and Psychiatry have distinguished themselves nationally. Most notably Drs. Steven Woolf & Kenneth Kendler, who hold appointments in these respective departments, were recently elected to the American Academy of Arts and Sciences Institute of Medicine (IOM), which is one of the most prestigious and selective medical organizations in the country. It has less than five hundred members drawn from leaders in the medical field and it regularly advises the U.S. Government & Health Professions about medical issues. Drs. Woolf & Kendler were elected to the IOM because of their significant contributions to the fields of public health and family medicine.

In 1990, Eugene P. Trani was appointed as VCU's fourth president. With a Ph.D. in history, he has brought a new vision and tremendous change to the University. Following President Ackell's example, he has developed much of the infrastructure at the MCV Campus, leading to numerous new buildings and plans for more. The effects of his leadership are visible to any visitor to MCV that has not been there since 2000.



One of the ongoing changes on the MCV Campus deals with its name. From starting as the *Medical Department of Hampden Sydney College* to the *Medical College of Virginia* to the *Medical College of Virginia, Health Sciences Division of Virginia Commonwealth University* to *Virginia Commonwealth University*, the MCV Campus has undergone a slow but continuous name change. Examples of the more recent name changes began with changes of signs on buildings. A prime example is that Sanger Hall used to display the name MCV-VCU at the top of the building, but it was changed to display Virginia Commonwealth University. Other changes like this began happening around the campus where signs that displayed Medical College of Virginia were either covered up or replaced with signs that read VCU.



Changes were not limited to signs. In 2000, MCV alumni, for the second time in VCU's history, received two diplomas following graduation. The new diploma, which displeased some students, offered the addition of "Campus" to Medical College of Virginia on the diploma as well as the removal of the MCV seal. Even though the General Assembly, almost thirty years before, wrote a resolution dealing with this very issue, it is unlikely that any

students knew about it. Although many students disliked the change, very few believed they could do anything about it.

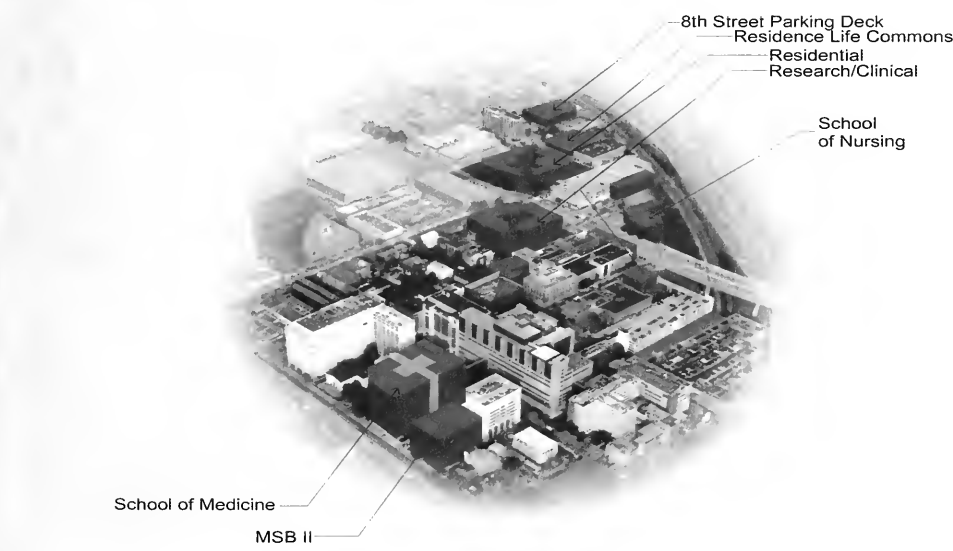
With so much history and pride tied to the MCV name, there are many who hold strong feelings about the name change, but there have been many positive results of identifying MCV as VCU. For many years, VCU has had many problems with being recognized for MCV's achievements, and further, these achievements are sometimes espoused to UVA by virtue of MCV's confusing affiliation with VCU. There is a long history of some at MCV looking down upon its affiliation with VCU, an unfortunate prejudice because VCU has a bright future. In the VCU 2020 Plan, VCU has planned to transform itself into one of the finest urban universities in the country. Part of that plan is centralizing MCV under VCU's stewardship and also presenting itself as a unified university.

The VCU 2020 Plan is the strategic plan for the growth of the University, focusing mostly on the University's two main Campuses: the Monroe Park Campus along with the substantial initiative of the Monroe Park Campus Addition; and the MCV Campus, including the integrated current master site plan and development initiatives of the VCU Health System and the Virginia Biotechnology Research Park. For the MCV Campus, the VCU 2020 Plan is centered on renovating and improving academic and research facilities and redeveloping and expanding the clinical facilities serving the VCU Health System. While there are currently renovations on-going within several facilities, the MCV Campus has also broken ground on several new buildings and has developed plans for many others, all to add new academic and clinical space. As the second part of a planned three-phase expansion of state-of-the-art academic research space, Medical Sciences Building II will be built on the site of the existing School

of Nursing as construction for a new School of Nursing has already begun. The largest project in the Plan is the replacement of the existing West Hospital and A.D. Williams Clinic buildings with a landmark School of Medicine facility – a multi-purpose campus center with academic spaces, offices, research labs, student services and support areas, and parking. Other new developments include additional research space, more parking facilities, student housing, and a new student center. Pictured below is the future layout of the MCV Campus based on the VCU 2020 Plan.

Also during President Trani's tenure, the University facilitated the creation of the Virginia BioTechnology Research Park, which, among other things, facilitates the development of partnerships between faculty and high-tech research firms. This venture will provide vital economic stimulus for the region. In 2002, the Gateway Building, the new *frontispiece* of MCV Hospitals, was completed. This year the Medical Center broke ground for a new critical care hospital and completed the new Massey Cancer Center, among other things. These are truly great contributions which will put MCV on par with any medical center.

Needless to say, the Health Sciences Division of VCU has been through many changes throughout its 168 years. As MCV and VCU move toward the vision of becoming the urban university that it aspires to be, changes are inevitable and will continue to occur, but whether or not the historical aspects will be remembered, such as MCV's name, depends on the actions of its administration, students and alumni. What is certain, however, is that Richmond holds a special place in healthcare history – from Brown-Séquard to Benacerraf – MCV and now VCU and will continue to generate leaders in the health professions.



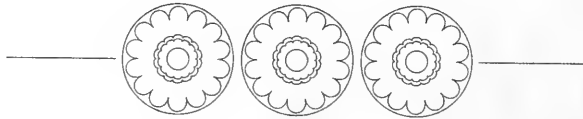
Then



Now

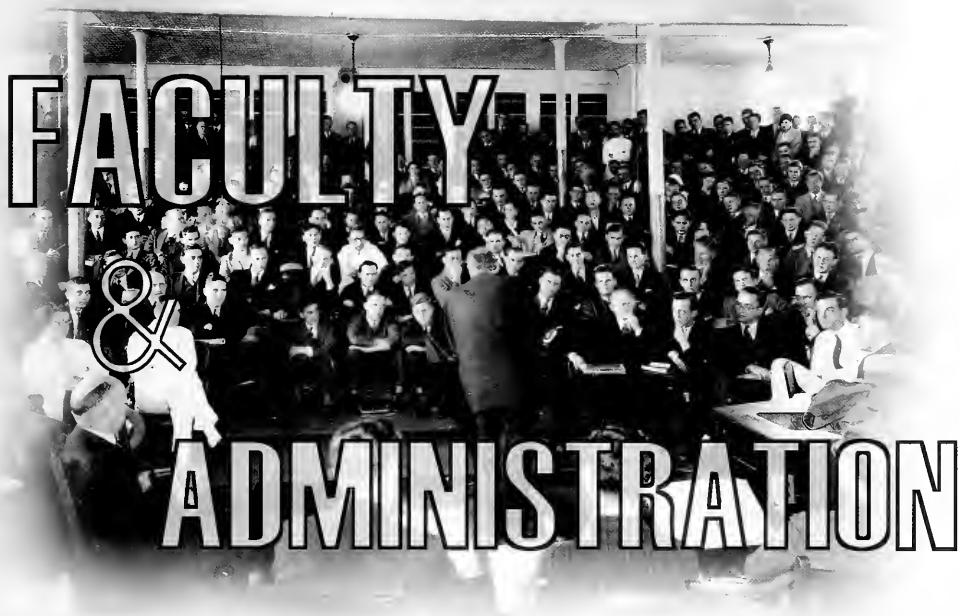


The photos above were taken one hundred forty years apart. From a standing point in Church Hill, both capture the same view of the MCV campus and demonstrate its growth as well as its integral position in downtown Richmond. In its one hundred sixty-eight year history, MCV has expanded from one building to over sixty, from one hospital serving the Richmond community to a dozen local and satellite hospitals serving the mid-Atlantic region, from its initial faculty of seven to hundreds, from the first 46 students enrolled to over 4,000, from one curriculum of medicine to over twenty programs encompassing the health sciences, and it continues to grow and develop. The history of the Medical College of Virginia holds volumes of pioneers in every field, of cures sought and discovered, of caregivers to the infirm, and of students inspired into greatness. Every day, the great scientists, healers and teachers of this institution are building upon a long history of advancements made by their forefathers at MCV.











Medical College of Virginia Campus Deans



Jerome Strauss, M.D. Ph.D.
Dean
School of Medicine



Ronald Hunt, D.D.S.
Dean
School of Dentistry



Victor Yanchick, Ph.D.
Dean
School of Pharmacy



Nancy Langston, Ph.D.
Dean
School of Nursing



Cecil Drain, Ph.D.
Dean
School of Allied Health Professions



Geoffrey Young, Ph.D.
Associate Dean
MCV Campus



James Messmer, M.D.
Associate Dean
School of Medicine



Issac Wood, M.D.
Associate Dean
School of Medicine



Betsy Hagan, D.D.S.
Associate Dean
School of Dentistry



Thomas Reinders, Pharm.D.
Associate Dean
School of Pharmacy



Alexander Tartaglia, D.Min.
Associate Dean
School of Allied Health

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SCHOOL OF MEDICINE

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Dean, School of Medicine

Gordon Archer, M.D.
Associate Dean, School of Medicine
Department of Internal Medicine

Jan Chlebowski, Ph.D.
Associate Dean, School of Medicine
Department of Biochemistry

Paul Mazmanian, Ph.D.
Associate Dean, School of Medicine

James Messmer, M.D. M.Ed.
Associate Dean, School of Medicine
Department of Radiology

Richard Wenzel, M.D. M.Sc.
Associate Dean, School of Medicine
Department of Internal Medicine

George Ford, Ph.D.
Assistant Dean, School of Medicine
Department of Physiology

Elizabeth Waterhouse, M.D.
Associate Dean, School of Medicine
Department of Neurology

John Bigbee, Ph.D.
Department of Anatomy and
Neurobiology

Stephen Goldberg, Ph.D.
Department of Anatomy and
Neurobiology

Jack Haar, Ph.D.
Department of Anatomy and
Neurobiology

Richard Krieg,, Ph. D.
Department of Anatomy and
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George Leichnetz, Ph.D.
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John McClung, Ph.D.
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Randall Merchant, Ph.D.
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M. Alex Meredith, Ph.D.
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John Povlishock, Ph.D.
Department of Anatomy and
Neurobiology

Milton Sholley, Ph.D.
Department of Anatomy and
Neurobiology

Carlos Arancibia, M.D.
Department of Anesthesiology

Jay Shapiro, M.D.
Department of Anesthesiology

Bruce Spiess, M.D.
Department of Anesthesiology

Sumitra Deb, Ph.D.
Department of Biochemistry

Robert Diegelmann, Ph.D.
Department of Biochemistry

Gregorio Gill, Ph.D.
Department of Biochemistry

William Grogan, Ph.D.
Department of Biochemistry

Darrell Peterson, Ph.D.
Department of Biochemistry

Paul Ratz, Ph.D.
Department of Biochemistry

Sarah Spiegel, Ph.D.
Department of Biochemistry

H. T. Wright, Ph.D.
Department of Biochemistry

Zendra Zehner, Ph.D.
Department of Biochemistry

Chris Gennings, Ph.D.
Department of Biostatistics

Algin Garrett, M.D.
Department of Dermatology

Joseph Ornato, M.D.
Department of Emergency Medicine

Tilahun Adera, Ph.D. M.P.H.
Department of Epidemiology and
Community Health

Jack Lanier, Dr.P.H.
Department of Epidemiology and
Community Health

Anton John Kuzel, M.D.
Department of Family Medicine

Our Beloved Professors: *Featured below are the professors voted most memorable by the students*



Walter Lawrence, Jr. M.D.
Department of Surgery



J. R. Lance, D.D.S.
Department of Endodontics



Mary Grap, Ph.D. RN ACNP
Department of Adult Health Nursing

Steven Woolf, M.D. M.P.H.
Department of Family Medicine

Joann Bodurtha, M.D. M.P.H.
Department of Human Genetics

Linda Corey, Ph.D.
Department of Human Genetics

Lindon Eaves, Ph.D.
Department of Human Genetics

Walter Nance, M.D. Ph.D.
Department of Human Genetics

Peter O'Connell, Ph.D.
Department of Human Genetics

Jolene Windle, Ph.D.
Department of Human Genetics

Peter Boling, M.D.
Department of Internal Medicine

Lenore Buckley, M.D.
Department of Internal Medicine

John Clore, M.D.
Department of Internal Medicine

Michael Cowley, M.D.
Department of Internal Medicine

Robert Downs, M.D.
Department of Internal Medicine

Michael Edmonds, M.D. M.P.H. M.P.A.
Department of Internal Medicine

Kenneth Ellenbogen, M.D.
Department of Internal Medicine

Alpha Fowler, M.D.
Department of Internal Medicine

Todd Gehr, M.D.
Department of Internal Medicine

Gordon Ginder, M.D.
Department of Internal Medicine

Steven Grant, M.D.
Department of Internal Medicine

Steven Grant, M.D.
Department of Internal Medicine

Michael Hess, M.D.
Department of Internal Medicine

Bruce Hillner, M.D.
Department of Internal Medicine

Betty Anne Johnson, M.D. Ph.D.
Department of Internal Medicine

Anne King, M.D.
Department of Internal Medicine

Donald Kirby, M.D.
Department of Internal Medicine

John Kummerle, M.D.
Department of Internal Medicine

Rakesh Kukreja, Ph.D.
Department of Internal Medicine

Velimir Luketic, M.D.
Department of Internal Medicine

John Nestler, M.D.
Department of Internal Medicine

John Roberts, M.D.
Department of Internal Medicine

Arun Sanyal, M.D.
Department of Internal Medicine

Lawrence Schwartz, M.D.
Department of Internal Medicine

Curtis Sessler, M.D.
Department of Internal Medicine

Mitchell Shiffman, M.D.
Department of Internal Medicine

Domenic Sica, M.D.
Department of Internal Medicine

Thomas Smith, M.D.
Department of Internal Medicine

George Vetrovec, M.D.
Department of Internal Medicine

Christopher Wise, M.D.
Department of Internal Medicine

Mark Allen Wood, M.D.
Department of Internal Medicine

A. M. Zfass, M.D.
Department of Internal Medicine

Gregory Buck, Ph.D.
Department of Microbiology and Immunology

Francine Cabral, Ph.D.
Department of Microbiology and Immunology

Guy Cabral, Ph.D.
Department of Microbiology and Immunology

Gail Ellen Christie, Ph.D.
Department of Microbiology and Immunology

Daniel Conrad, Ph.D.
Department of Microbiology and Immunology

Walter Holmes, Ph.D.
Department of Microbiology and Immunology

Hsiu-Sheng Hsu, Ph.D.
Department of Microbiology and Immunology

Our Beloved Professors:



Linda Costanza, Ph.D.
Department of Physiology



Robert Diegelmann, Ph.D.
Department of Biochemistry



Stephen Gudas, Ph.D.
Department of Anatomy and Neurobiology

Phillip Hylemon, Ph.D.
Department of Microbiology and
Immunology

Roger Loria, Ph.D.
Department of Microbiology and
Immunology

Richard Marconi, Ph.D.
Department of Microbiology and
Immunology

Kathleen McCoy, Ph.D.
Department of Microbiology and
Immunology

Dennis Ohman, Ph.D.
Department of Microbiology and
Immunology

John Tew, Ph.D.
Department of Microbiology and
Immunology

Robert Delorenzo, M.D. Ph.D. M.P.H
Department of Neurology

Warren Felton, M.D.
Department of Neurology

John Pellock, M.D.
Department of Neurology

Steven Shapiro, M.D.
Department of Neurology

Alan Towne, M.D.
Department of Neurology

M. Ross Bullock, M.D. Ph.D.
Department of Neurosurgery

Anthony Marmarou, Ph.D.
Department of Neurosurgery

John Ward, M.D.
Department of Neurosurgery

Harold Young, M.D.
Department of Neurosurgery

Weldon Chafe, M.D.
Department of Obstetrics and
Gynecology

Thomas Peng, M.D.
Department of Obstetrics and
Gynecology

John Seeds, M.D.
Department of Obstetrics and
Gynecology

Dale Stovall, M.D.
Department of Obstetrics and
Gynecology

Scott Walsh, Ph.D.
Department of Obstetrics and
Gynecology

William Benson, M.D.
Department of Ophthalmology

Robert Adelaar, M.D.
Department of Orthopaedic Surgery

Laurence DiNardo, M.D.
Department of Otolaryngology

Aristides Sismanis, M.D.
Department of Otolaryngology

Johnathan Ben-Ezra, M.D.
Department of Pathology

Andrea Ferreira-Gonzalez, Ph.D.
Department of Pathology

Betty Forbes, Ph.D.
Department of Pathology

W. J. Frible, M.D.
Department of Pathology

Enrique Gerszten, M.D. C.P.A.
Department of Pathology

Nitya Ghatak, M.D.
Department of Pathology

Margaret Grimes, M.D.
Department of Pathology

Colleen Jackson-Cook, Ph.D.
Department of Pathology

Richard McPherson, M.D.
Department of Pathology

Greg Miller, Ph.D.
Department of Pathology

A. Scott Mills, M.D.
Department of Pathology

Youngman Oh, Ph.D.
Department of Pathology

Alphonse Poklis, Ph.D.
Department of Pathology

Celeste Powers, M.D. Ph.D.
Department of Pathology

Roger Riley, M.D. Ph.D.
Department of Pathology

Alphonse Sirica, Ph.D.
Department of Pathology

Joy Laurin Ware, Ph.D.
Department of Pathology

David Wilkinson, M.D. Ph.D.
Department of Pathology

Pasquale Accardo, M.D.
Department of Pediatrics

Stuart Adler, M.D.
Department of Pediatrics

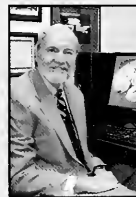
Our Beloved Professors:



Brian Kaplan, M.D.
Department of Surgery



Johnathan Ben-Ezra, M.D.
Department of Pathology



George Leichnetz, Ph.D.
Department of Anatomy and Neurobiology

Richard Brookman, M.D.
Department of Pediatrics

Gary Francis, M.D. Ph.D.
Department of Pediatrics

Allan Friedman, M.D.
Department of Pediatrics

Kamar Godder, M.D.
Department of Pediatrics

Martin Graham, M.D.
Department of Pediatrics

Gary Gutter, M.D.
Department of Pediatrics

Anne-Marie Irani, M.D.
Department of Pediatrics

Barry Kirkpatrick, M.D.
Department of Pediatrics

Joseph Laver, M.D.
Department of Pediatrics

William Moskowitz, M.D.
Department of Pediatrics

Edward Russel, M.D.
Department of Pediatrics

Hamid Akbarali, Ph.D.
Department of Pharmacology and
Toxicology

Robert Balsterr, Ph.D.
Department of Pharmacology and
Toxicology

Patrick Beardsley, Ph.D.
Department of Pharmacology and
Toxicology

William Dewey, Ph.D.
Department of Pharmacology and
Toxicology

David Gewirtz, Ph.D.
Department of Pharmacology and
Toxicology

Pin-Lan Li, Ph.D.
Department of Pharmacology and
Toxicology

Billy Martin, Ph.D.
Department of Pharmacology and
Toxicology

Michael Miles, M.D. Ph.D.
Department of Pharmacology and
Toxicology

Richard Moran, Ph.D.
Department of Pharmacology and
Toxicology

Lawrence Povirk, Ph.D.
Department of Pharmacology and
Toxicology

Susan Robinson, Ph.D.
Department of Pharmacology and
Toxicology

Leslie Satin, Ph.D.
Department of Pharmacology and
Toxicology

Stephen Sawyer, Ph.D.
Department of Pharmacology and
Toxicology

S. P. Welch, Ph.D.
Department of Pharmacology and
Toxicology

Kimber White, Ph.D.
Department of Pharmacology and
Toxicology

David Cifu, M.D.
Department of Physical Medicine and
Rehabilitation

Jeffery Kreutzer, Ph.D.
Department of Physical Medicine and
Rehabilitation

William McKinley, M.D.
Department of Physical Medicine and
Rehabilitation

Paul Wehman, Ph.D.
Department of Physical Medicine and
Rehabilitation

Clive Baumgarten, Ph.D.
Department of Physiology

Margaret Biber, Ph.D. D.Phil.
Department of Physiology

Linda Costanzo, Ph.D.
Department of Physiology

Richard Costanzo, Ph.D.
Department of Physiology

John Desimone, Ph.D.
Department of Physiology

Alexandre Fabiato, M.D. Ph.D.
Department of Physiology

Joseph Feher, Ph.D.
Department of Physiology

George Ford, Ph.D.
Department of Physiology

John Grider, Ph.D.
Department of Physiology

Mohammed Kalimi, Ph.D.
Department of Physiology

Srinivasa Karnam, Ph.D.
Department of Physiology

Roland Pittman, Ph.D.
Department of Physiology

Our Beloved Professors:



Thomas Mayhew, Ph.D.
Department of Physical Therapy



Alfred Certosimo, D.D.S.
Department of General Practice



David Burns, D.M.D.
Department of Prosthodontics

Steven Price, Ph.D.
Department of Physiology

Gea-Ny Tseng, Ph.D.
Department of Physiology

Raphael Witorsch, Ph.D.
Department of Physiology

Sandra Barker, Ph.D.
Department of Psychiatry

Robert Cohen, Ph.D.
Department of Psychiatry

Robert Hart, Ph.D.
Department of Psychiatry

Kenneth Kendler, M.D.
Department of Psychiatry

Susan Kornstein, M.D.
Department of Psychiatry

James Levenson, M.D.
Department of Psychiatry

Elinore McCance-Katz, M.D. Ph.D.
Department of Psychiatry

Asha Mishra, M.D.
Department of Psychiatry

Michael Neale, Ph.D.
Department of Psychiatry

Donald Oswald, Ph.D.
Department of Psychiatry

Ananda Pandurangi, M.D.
Department of Psychiatry

Roy Pickens, M.D. M.S.
Department of Psychiatry

Joel Silverman, M.D.
Department of Psychiatry

Aradhana Sood, M.D.
Department of Psychiatry

Rakesh Sood, M.D.
Department of Psychiatry

James Wade, Ph.D.
Department of Psychiatry

Michael Hagan, M.D. Ph.D.
Department of Radiation Oncology

Ross Mikkelsen, Ph.D.
Department of Radiation Oncology

C. Kristoffer Valerie, Ph.D.
Department of Radiation Oncology

Jeffrey Williamson, Ph.D.
Department of Radiation Oncology

Gilda Cardenosa, M.D. M.S.
Department of Radiology

Panos Fatouros, Ph.D.
Department of Radiology

Ann Fulcher, M.D.
Department of Radiology

Robet Halvorsen, M.D.
Department of Radiology

Curtis Hayes, M.D.
Department of Radiology

Jerry Hirsch, Ph.D.
Department of Radiology

Lakshmana Narla, M.D.
Department of Radiology

Anthony Proto, M.D.
Department of Radiology

James Tatum, M.D.
Department of Radiology

Jaime Tisnado, M.D.
Department of Radiology

Mary Turner, M.D.
Department of Radiology

Anwar Abd-Elfattah, Ph.D.
Department of Surgery

Charles Bagwell, M.D.
Department of Surgery

Harry Bear, M.D. Ph.D.
Department of Surgery

Robert Fisher, M.D.
Department of Surgery

Rao Ivatury, M.D.
Department of Surgery

John Kellum, M.D.
Department of Surgery

Pamela Kimball, Ph.D.
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James Maher, M.D.
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Ronald Merrell, M.D.
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Thomas Miller, M.D.
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Stuart Myers, M.D.
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James Neifeld, M.D.
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Jodi Teitelman, Ph.D.
Department of Occupational Therapy



Jack Lanier, Dr.P.H.
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Marc Posner, M.D.
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Andrea Pozez, M.D.
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Harvey Schenkein, D.D.S. Ph.D.
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Debra Haselton, D.D.S.
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Frederick Liewehr, D.D.S. M.S.
Department of Endodontics

James Burns, D.D.S. Ph.D.
Department of Oral Pathology

John Svirsky, D.D.S. M.Ed.
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Department of Occupational Therapy



J. Ross McClung, Ph.D.
Department of Anatomy and Neurobiology

M. C. V. College Song of the Medical College of Virginia

Words and Music By
M. Brannsche, M.D., Class of 1904



Down in old Vir-gin - ia, where Rich - mond stands se - nate, our



al - ma ma - ter M C V sur - mounts the bu - sy scene



Down in old Vir-gin - ia, where friend - ship's con - stan - cy and



all we've learned draws us to you, to dear old M C V



Down in old Vir-gin - ia, so rich in his - to - ry, a



al - ma ma - ter adds her fame, God bless our M C V



Down in old Vir-gin - ia, where life's sweet as can be, a



turn - nt, stu - dents, profs and all, three cheers for M C V

M E D I C I N E

A Letter from the Medical Student Government President:

To My Fellow Students,

In this last season of medical school, I cannot help but borrow from a well-worn cliché to reference the pace and perceived duration of our medical school years. It seems like it was only yesterday that we stood with new classmates, perched tentatively in the courtyard of our Egyptian Building, amidst the admiration and well-wishes of our loved ones on White Coat Day.

In a few short weeks, we will rejoin family and friends to celebrate the milestone of completing this initial phase in our medical education. Through late nights spent at the anatomy lab and frantic board reviews at the library, overseas medical missions and sleepless call duty: our introduction to medicine challenged us, but it was the people that nourished us.

During his prolific career as a writer, educator, and pioneer of modern medicine, Sir William Osler mused that, "Nothing will sustain you more potently...than the power to recognize the true poetry of life - the poetry of the commonplace, of the ordinary man, of the plain woman". Over the course of these four years, it was these 'ordinary' ties that bound us to reality and to each other. In a literal sense, one must offer congratulations to those who forged the bonds of marriage or welcomed children. In a broader interpretation, one cannot overlook the friendships and memories created in the wake of class cruises to the Bahamas, various Liver Rounds, adventures in farmland for Family Practice, shared contributions to flaming folders, role-playing with standardized patients, surviving the wrath of our favorite surgeons, house calls, commiseration over lost vehicles and natural disasters. Through it all, it is our kinship that has sustained our sanity and contributed to our years in Richmond.

As we embark on the next leg of this great journey, I would like to conclude with a final quotation from Sir Osler. "For better or worse, there are few occupations of a more satisfying character than the practice of medicine...bring to it the philosophy of honest work, the philosophy that insists that we are here, not to get all we can out of life about us, but to see how much we can add to it." To echo that sentiment, thank you to our teachers, our patients, and our peers...for adding to our lives and inspiring us to do the same.

Best wishes to all,

*Meghana Gowda
Medical Student Government President
School of Medicine, Class of 2006*



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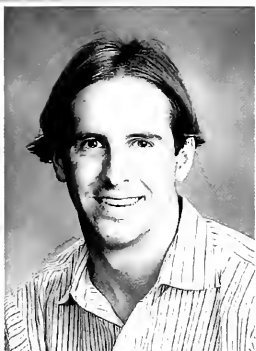
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Sam Campbell
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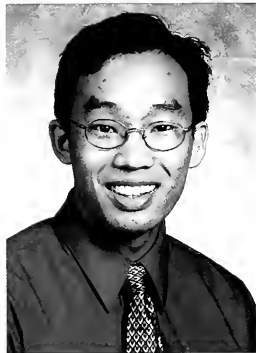
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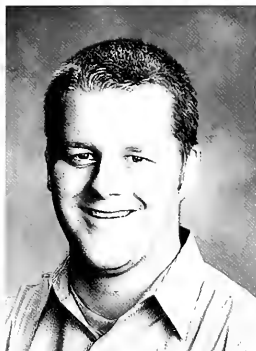
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Josh Karp
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Chris Kenney
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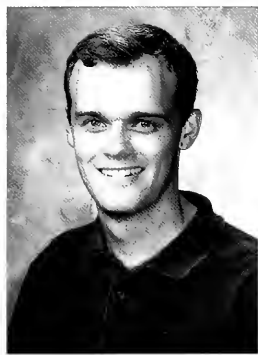
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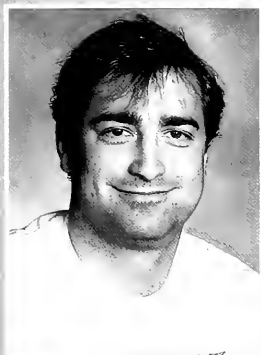
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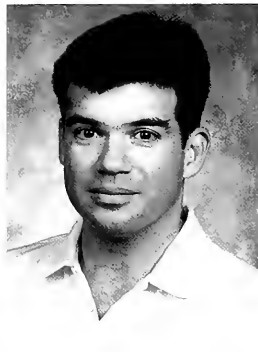
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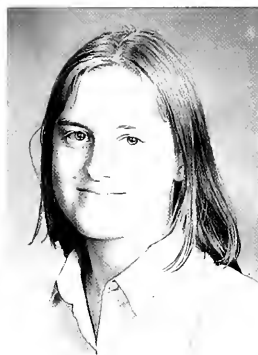
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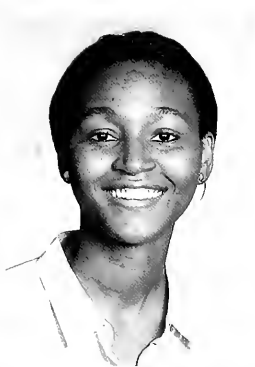
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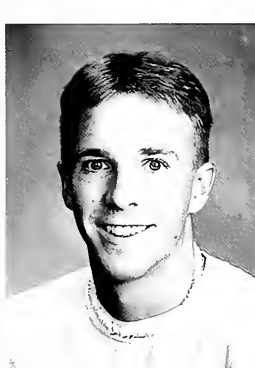
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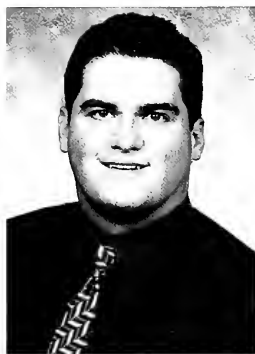
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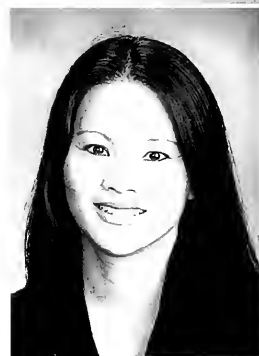
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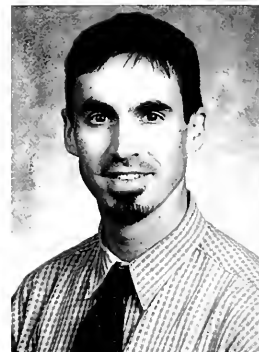
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Daniel Matthew Barrett



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Robin Bhavsar



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Cassie Blankenship



Andrew Miller Bogle



Satrajit Bose



Jessica Brawley



Elliott Brown



Ross Brown



Tim Caraher



Berkeley Carter, Jr.



John Clay



Michelle Cowan



Liz Dancel



Houman Danesh



Ivan Davis



Josh DeFriece



Grant De La Motte



Randall De Martino



Miranda Dennis



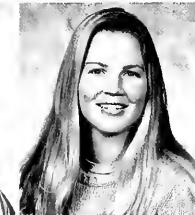
Anindita Devanath



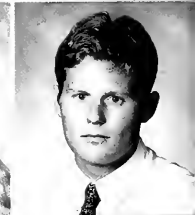
Charlie DeVerna III



Dennis Dias



Laura Diegelmann



Vaughn Dill

School of Medicine

Class of 2007

MCV



Jennie Draper



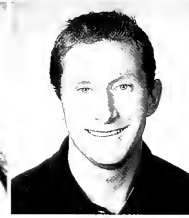
Angie Duong



Kelly Dzialo



Mareen Eapen



Robert Ellis



Mark Elzey



Courtney Esinhardt



Lauren Fiske



Laura Flynn



Chris Fox



Frances Fua



Elizabeth Gaskins



Jonathan Gaspar



Amanda Gillespie



Seth Goodman



Ramesh Grandhi



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Carrie Ham



Rachelle Hanft



Melissa Harrison



Abdurahman Hassan-Hussein



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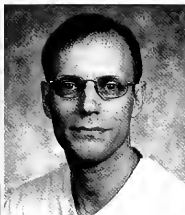
Samantha Hess



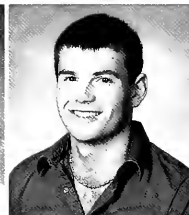
Jonathan Hlivko



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Vishal Khatani



Amy Kim



Joy Kim



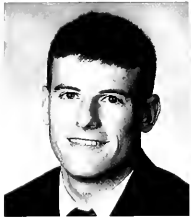
Matt Kluck



Ashok Krishnan



Tim Laeger



Bryan Laliberte



Phi Lam



Sara Lane



Robin Laskey



Helen Lawler



Nathan Lee



Nijui Liang



Susan Lien



Meagan Littlepage



Shahbaz Malik



Jessica Malloy



Devan Marar



Stephanie Martin



Madison McCulloch, Jr.



Angela Meyer



Sohaib Mohiuddin



Melissa Mondello



Blake Moore



Alejandro Mosquera



Srikrishna Muckamala



Katie Mullins



Christine Murphy



Arvind Murthy



Saumya Nagarajan

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Hanh Nguyen



Jared Nimitz



Frederick Oh



Patrick Oliver



Jamie Olson



Kristin Ondecko



Nick Ordyna



Josephine Osire



Georgina Owusu-Asiedu



Brian Palank, Jr.



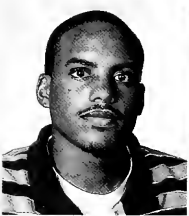
Shiipa Pandey



Virginia Park



Mary Piazza



Richard Pierre



Charles Poppell



Brenda Queen



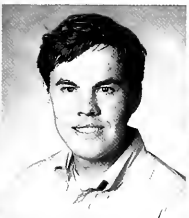
Rohini Reddi



Marcia Redwood



Erin Reese



Christopher Regan



Thomas Stephen Ridder



Roland Roberson



Lisa Rose-Jones



Klara Rosenquist



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Raffi Salibian



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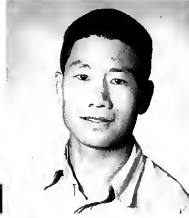
Mohammad Shafie



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Sofia Shea



Roger Shih



Amit Sirha



Marcus Smith



Ajeet Sodhi



Meagan Stephenson



Natasha St. Germain



Rhaannon Stricklen



Brian Strife



Julie Sullivan



Kendra Sweet



Babak Tabatabai



Deepak Thomas



Candice Tong



Susan Tuck



Puja Van Epps



Leroy Brown Bo Vaughan, Jr.



Rachel Vinson



Joe Vongvorachoti



Jonathan Walsh



Matthew Walsworth



Tim Walters



Josh Walterscheid



Erin Watson



Caroline Wigan



Martin Wilkes



Alicia Williams



Daniel Willis



Cameron Wilson



Farzin Yaghmaie



Ladin Yurteri



Paul Zelensky

Then and Now: Baruj Benacerraf



Above: A senior class portrait of Baruj Benacerraf, MCV School of Medicine Class of 1945.

"I feel honored to be published in the X-Ray 2006. With deep affection and melancholy I have read again the X-Ray 1944 and 1945. It is sad that some of my dear friends of my class are dead, but it is the price to pay for being 85 years old. I am deeply grateful to MCV for having accepted me as a medical student when several other medical schools, such as Columbia, New York University, and Harvard did not, although these schools appointed me to their faculty, and/or bestowed on me Honorary Doctorates.

I am deeply grateful to MCV, for the wonderful education I received, which prepared me for my successful career in medicine and science. My three years at MCV were wonderful and most happy years, I got married, in my second year, and made wonderful friends at MCV. It was war time and we were inducted in the army or Navy while learning medicine and exercised on week end."

-Baruj Benacerraf, 2005



Above: Baruj Benacerraf after the Nobel Prize Award Ceremony in Stockholm.

A distinguished pathologist, Baruj Benacerraf shared the 1980 Nobel Prize in Physiology or Medicine for the discovery of the major histocompatibility complex genes which encode cell surface molecules important for the immune system's distinction between self and non-self. Born in Caracas and reared in Paris, Benacerraf left war-torn France for New York in 1940. After completing his medical studies in 1945 at MCV, he served in the United States Army. Deciding to pursue a career in research upon his discharge in 1947, Benacerraf studied immunology in both France and the United States, working with many leaders in the field before accepting the chairmanship of Harvard Medical School's pathology department in 1970. Currently president emeritus of the Dana-Farber Cancer Institute, Benacerraf is a fellow of the American Academy of Arts and Sciences and the National Academy of Science, and has received several major awards for his work in addition to the Nobel.



Barbara Adams



Hafeez Ahmed



David Alcantara



Nishat Ally



Sabina Amin



Natalie Ayres



Gaurav Bhatia



Chuck Bongiorno



Jim Brooks II



Daniel Brueggemann



Denise Canonizado



Shawn Chaudhary



Theresa Chin



Andy Chon



Jennifer Chung



Laura Cox



Justin Crocker



Hanna Dastgir



Farah Dawood



James Depew



Ross William Dodge



Eric Shawn Edwards



Kenneth A. Ewane



Piyumi Fonseka



Bella Gabice



Elena Geraymovych



Irena Glick



Carrilynn Greenwood



Shakun Gupta



Christopher Brinson Hartness

MCV



Giza High



Young Hong



Emerald Huang



Ghazaleh Jafari



Joanna Jeruzal



Jeanne Johnson



Tiffany Kelly



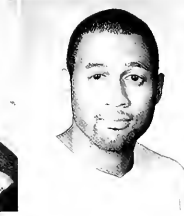
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Adnam Khan



Sam Khandker



Terrence King



Therese Kirsch



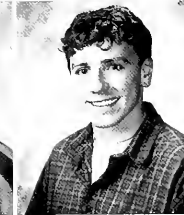
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Jaime Knight



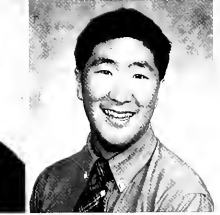
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David Lee



Richard Lee



Truc Lieng



Emily Little



Blaise Lovell



Janet Ma



Kalyani Marathe



Archana Mehta



Danielle Miranda



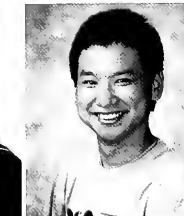
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Sapna Modi



Ashley Mortenson



Myo Myint



Nisha Nagarkatti



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Jennifer Nguyen



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Tony Nguyen



Damien Parker



Jennie Patterson



Boris Perelman



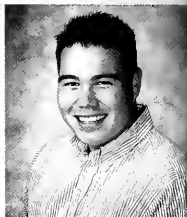
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Christine Picco



Jennifer Pritchard



Mark Ranck



Frank Raucii, Jr.



Alina Robert



Jonathan Schmitz



Conor Sheehy



Brian Showalter



Thomas Simcox



Kerri Simpson



Kris Siri



Emily Smeltzer



Christie Smith



Chris Somerville



Miranda Sonneborn



Sally Stander



Kathryn Starkweather



Radhika Thorn



Jamie Tisnado



Jenny Toledo



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Mireille Truong



Brian Weber



Michael Alexander White



Kenneth Wong



Roger Wong



Wendy Woo



School of Medicine

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Aryan Aghevi



Ezinne Akamiro



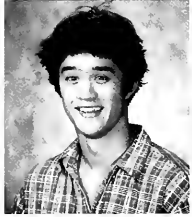
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Nabil Altememi



Don Arthur



John Au



Jemilat Badamas



Sonia Bahlani



Anmoldeep Bajaj



Stephen Bakos



Kimberly Ball



Aman Banerjee



Joshua Belcher



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Niambi Brown



Jennifer Buckley



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Marc Caligian



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Rebecca Habenicht



Ewa Halama



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Michael Hartman



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Nabia Ikram



David Imbt



Tina Ipe

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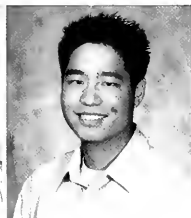
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Sara Ivey



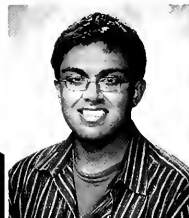
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Heather Katebini



Ali Khan



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Kathryn King



David Kirtland



Mark Kovacs



Kumapley Lartevi



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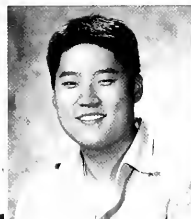
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Kevin Lee



Letitia Lee



Nathan Lewis



Kevin Long



Dai Chu Luu



Nate McLaughlin



Lin Mel



Shannon Miller



Shifa Mohiuddin



Babak Moini



Bonny Moore



Colin Mudrick



Heather Murphy



Dahlia Naqib



Bijan Navidi



Mark Nelson



Evora Newby



Michelle Ng



Sonia Nhieu



Oladapo Olarinde



Amy O'Toole



Patterson Owings



Palak Oza



Sima Parikh



Daniel Park



Darshita Patel



Mayur Patel



Mitika Patel



Payal Patel



Tejas Patel



Lucas Payor



Nathan Putnam



Jerrod Quarles



Jessica Randolph



Robert Rawles



Batool Razvi



Claire Rezba



Margaret Roberts



Vincent Roddy



Marie Rodgers



Michael Rolén



Jay Ronquillo, Jr.



Frances Saccoccio



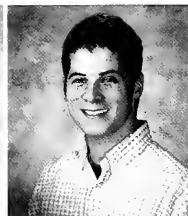
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Diana Samuel



Andrew Scharf



Dante Schiavo



Kate Schoolwerth

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Catherine Schuller



Audra Sargent



Crystal Shrestha



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Rupali Singh



Michael William Singleton



David Smith



Lucia Smith



Rishi Sood



Eryn Stansbury



Brian Stone



Richard Stowell



Whitney Sullivan-Lewis



Ali Sultan-Qurraie



Hasan Syed



Shumaila Syed



Shilen Thakrar



Abram Tirona



Caroline Tran



Kim Tran



Charis Venditti



Samantha Vogt



Garrett Walters



Mike Weston



Xena Whittier



Scott Wiese



Ann Wilson



James Wilson



Alice Wong



Jason Wong



Vishal Yajnik

Jane Yoo

Jill Zackrisson

Julie Ziobro

Then and Now: Patch Adams



Above: A senior class portrait of Hunter "Patch" Adams, MCV School of Medicine Class of 1971.

Left: Patch Adams, at a Kosovo Refugee Camp in May 1999, using laughter as part of his treatment regimen.

"I feel a kinship with the medical students who enter medicine now, who also have a social conscience. We both suffered under lying governments who put us into wars with hidden (or not so hidden) agendas. Is war a disease? Is poverty a disease? Who benefits from them? What is the doctor's ethical role? How do we hear the language that justifies the richest country in the world denying care to 45 million people? Is Bill Frist our model of a doctor to aspire to? Is compassion still not taught in medical school? My life at MCV was both the thrill of becoming a healer and loving it and the nightmare that there was very little health or care in the delivery system. So I speak to the students who live to serve peace, justice, and care for all people. Protect your integrity, you can do medicine exactly as you desire. The world needs you!"

-Patch Adams, 2005



Hunter "Patch" Adams, convinced of the powerful connection between environment and wellness, graduated from MCV in 1971. A year later, he and several of his friends created the *Gesundheit!* Institute, which ran as a free community hospital in the DC area for 12 years before it was relocated to West Virginia.

Today, Patch Adams, not only a medical doctor but also a social activist, continues his devotion to improving the healthcare system while integrating laughter, joy, and creativity into his treatment plan for patients worldwide.

School of Medicine Graduate Studies

MCV



Rusty Bowman



Cassandra Bradby



Amol Deshmukh



Quynh Do



Rhonda Ellis



Katherine Falenski



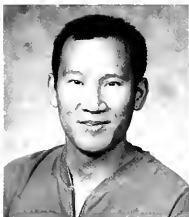
Amy Herrin



Heather Hoffman



Abdul Khan



David Nee



Taylor Schneider



LeAnna Stork



Amanda Wattenmaker



Sharon Yeatts

DENTISTRY



A Letter from the Senior Class President:

To the Graduating Dental Class of 2006:

The thought of spending almost a decade in school is enough to frighten the most astute and committed student. However, those that chose dentistry not only dedicated themselves to not the time commitment, but subjected themselves to the intense, detailed, and sometimes unforgiving curriculum at the VCU School of Dentistry.

For the first two years of dental school, the Class of 2006 sat, or for some, slept through hours of lectures on the medical and dental sciences in the darkly lit classrooms on the 4th floor of the Lyons building. Nobody can forget the lectures by the notable and revered Dr. Moon and his classic overhead projections that are still in vogue. When I asked one of my classmates about what courses he remembers as "difficult" to get through, he thought for a moment and replied, "all of them" (Ryan Jones). I especially remember the inanity of dental anatomy (remember the videos) and the first time I carved a wax tooth that resembled a deformed figurine rather than a maxillary central incisor. While I can't dispute that most courses ranging from biochemistry to the class on complete dentures at 8am on Monday morning (attendance required) were tortuous to get through, there were highlights. Everybody can recall the eccentric and often schizophrenic tendencies of Dr. Strauss whom we all suspected of a Sevoflurane addiction or the day of reckoning when we all had to receive a mandibular injection with a 27 gauge long needle by a classmate with Parkinsonian tendencies, notably Kevin Hardy. The preclinical years were marked by ups and downs and most of the ups were simply good times with good friends.

When we transitioned into clinic the summer before our 3rd year, everybody was abuzz with the new requirements posted and the stress of managing a pool of patients. Each of us had at least one patient ask us that summer, "Is this your first time doing this?" Instantly, we switched from thinking like a dentist to thinking like a lawyer when we responded, "of course not, I have done this many times." We would just delete the end of the sentence that read, "just not on a patient." After all, Dr. Hagan did teach us the concept of veracity in our ethics course that summer.

The class of 2006 is one of determination, over-achievement, justice, and good humor. Each of us see our education in a unique manner with enough personal stories to create a textbook that would rival the Star Wars Trilogy. But when the last patient left, we knew how to have a good time. The class socials, happy hours, and kick-off days all enabled us to enjoy each other's company and create friendships rather than collegial associations. We all partnered to get through dental school and I hope we remain connected for the length of our careers. Congratulations D2006.

—Scott T. Henson Dentistry '06



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Kuwait
Virginia Commonwealth University
Private Practice



Bradford Allen
Fairfax, VA
George Mason University
General Dentistry-USAF



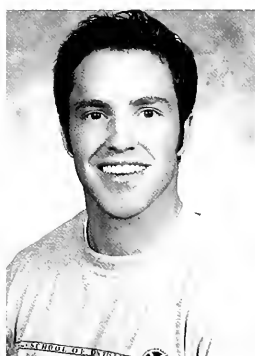
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Tyson Anderson
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Nicole Barbour
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Richmond Community Health Center



Nassir Barekzi
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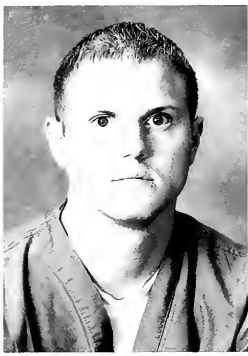
Valerie Byrnsdie
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Nadia Church
Richmond, VA
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General Dentistry-Martinsburg, WV



Michael Clark
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Anthony Davis
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University of Maryland
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Sayward Edwards
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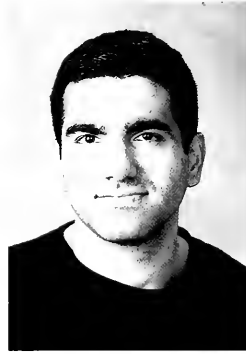
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Pediatric Dentistry-Temple University



John Flowers
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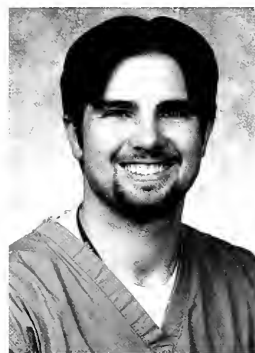
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Orthodontics-University of Colorado



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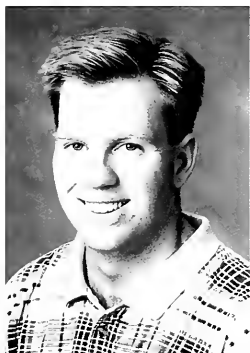
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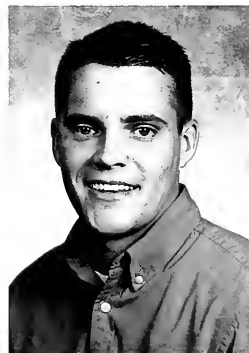
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Kendall Morris
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High Point University
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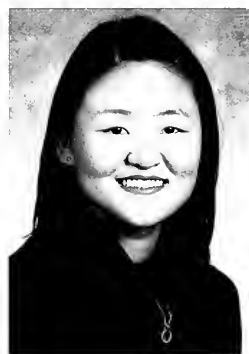
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General Dentistry



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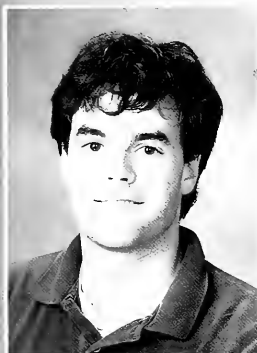
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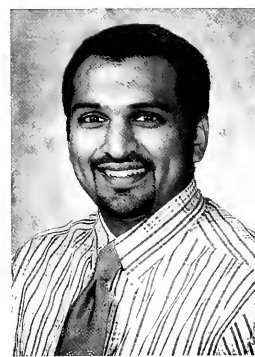
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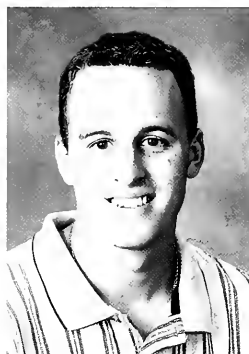
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Aaron Straw
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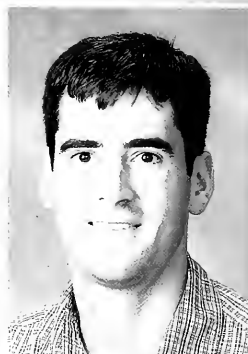
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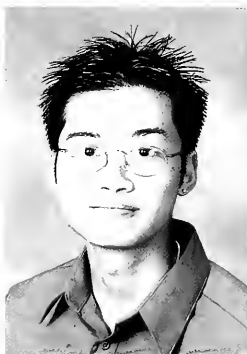
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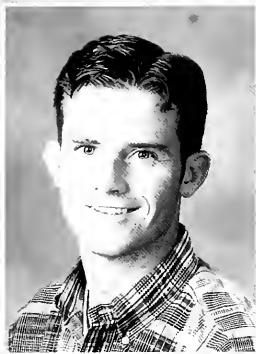
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Tareq Al-Ali



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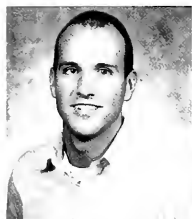
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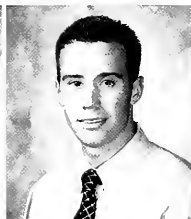
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Ryan Edmunds



Bryan Geary



Eduardo Gomez



Caitlin Gracey



Jonathan Greenhalgh



Jean Hong



Jared Hoover



Nathan Houchins



Kristen Hurley



Syed Hussaini



Arousha Jahangiri



Cary Jaques



Joell Kennedy



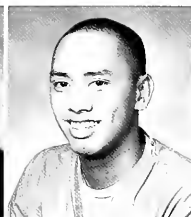
Matthew Kent



Darrin Knudson



Naveen Kwatra



Adrian Laxa



Michael Lazear



Hang Le



Dirk Lighthall



Rebecca Mangum



Jeff Maurer



Blake Maxfield



Parinaz Movaghari



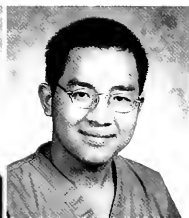
Lori Musick



Matthew Nelson



Patrick Ng-A-Fook



Hau Ngo



Kurt Niepraschk



Leonard Nunnally



Ronald Owens



Amit Patel



Lynn Penterson



Dan Pouchot



Matthew Richman



Chrystal Rooks



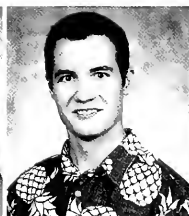
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Vicky Semtner



Allyson Sheffield



Brendan Smith



Marina Spekter



Wade Stevens



Abram Tanner



Reena Thakkar



Cassidy Turner



John Ullrich



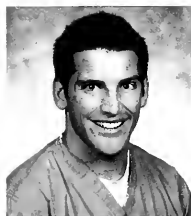
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David Whitlock



Stefanie Wong



Nathan Woods



Cameron Workman



Abdulrahman Al-Ehmeli



Jeff Allred



Leenda Al-Mazedi



Hamad Al-Qadhi



Ryan Bailey



Eric Ballou



Trevor Beck



Jason Blundell



Lauren Brinkley



Jacob Burch



Michael Catoggio



Foad Changezi



Rob Chatterton



David Christian



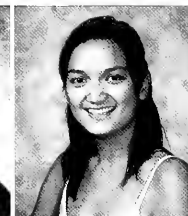
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Bryce Cushing



Stephen Dixon



Tuyet Do



Mike Eggett



Andrew Estill



Mike Ferguson



Pete Foster



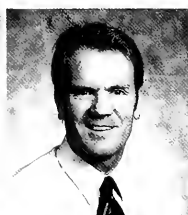
Chad Goeckeritz



Jonathan Gorman



James Gray



Ken Handy



Laura Hanna



Christopher Hansen



Steven Hatch



Harlan Hendricks



Corinne Hoffman



Vanessa Hofilena



Robert Hunsaker



Mantique Johnson



Matthew Kim



Michelle Klima



Quoc Lu



Bobby Lunka



Sean Lynch



Ashley Matthews



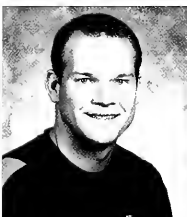
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Ali Mohammad



Sumayra Mohiuddin



Ryan Olson



William Pack



Sejal Patel



Long Pham



Marcus Pope



Shwetha Rai



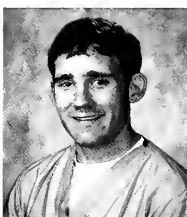
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Tom Reynolds



Juan Rojas



Matthew Roller



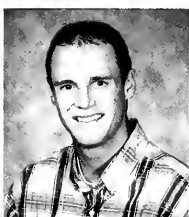
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Scott Sachs



Marvin Sagun



Ryan Saunders



Izzat Sbeih



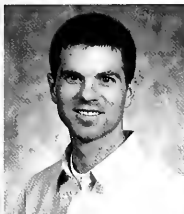
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Erica Sok



Sarah Sparks



Andrew Stoddard



Nicholas Tanner



Justin Tebbenkamp



Anna Tomczyk



Lan Tran



My-Kim Tran



David Turok



Keith Vaughan



Logan Wood



John Agapis



Ali Akhlaghi



Kelly Bowlin



Derek Brown



Anthony Castellano



Stephanie Chambers



Uppasna Chand



Ju-Han Chang



Kaitlin Cronan



Jessica Dance-Smith



Andrea Dennis



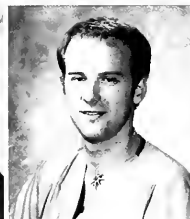
Kristian Dietz



Isra Elrayah



Patrick Holmes



Andrew Lawhorne



Nga Le



James Lee



Kevin Lewis



Mike Munilla



Karina Munoz



Trevor O'Neil



Kinjal Patel



Jacob Powell



Joshua Ramey



Jeff Roberson



Shahrzad Salartash



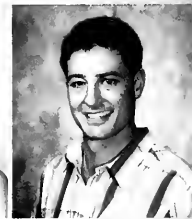
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David Schindler



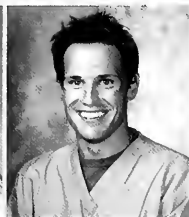
Susan Seal



Ryan Shearer



Kambez Shukoor



John Sinclair



Katie Southwell



Amir Tavassoli



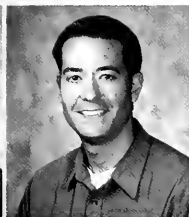
Anna To



Kristen Tomlinson



Eric Whidden



Michael Wolter



Hiwot Ageze



Erica Craft



Shirin Hejazi



Amy Mallady



Robin Pendley



Azza Sandhu



Arlene Scott

Then and Now: Warren Sachs



Above: Warren Sachs during his years as a student at MCV.

"The Medical College of Virginia gave me the knowledge and skills to become a successful dentist. At the time, like most students, I thought I would never make it through, that the courses were too tough, and the hours were too long. But my friends and I persevered, and we were all there on graduation day together. Since that time, many of us have gone on to work with successful practices, or hold teaching positions at universities. We have since spread out around the state and the nation, but I remain in contact with many of my classmates."

-Warren Sachs, 2006



Above: A more recent picture of Dr. Sachs and his wife.

Dr. Warren Sachs graduated from MCV School of Dentistry as part of the Class of 1971. In 1973, he became a partner at Lefcoe, Weinstein, Sachs, and Schiff, one of the largest dental practices in Virginia. During his spare time, Dr. Sachs remains a very active member of his community, having held several leadership positions such as Dental Coordinator of Physicians for Peace, Chairman of the Arts and Humanities Commission, President of the Health Advisory Council, and Founding Director of Towne Bank. Dr. Sachs also served as a Lieutenant Commander in the Navy. His legacy continues at MCV through his two sons, Matt Sachs (School of Medicine Class of 2006) and Scott Sachs (School of Dentistry Class of 2009).



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A Letter from the Senior Class President:

To the Class of 2006,

As our time comes to an end here at the Medical College of Virginia, it's time to look back at the past four years. When we started pharmacy school most of us were not quite sure what to expect. I remember after the first day of orientation, I thought to myself, "What have I gotten myself into?"! I clearly remember the first day of classes. I, like many others, had brought my laptop to school. No one had mentioned that we did not need our laptops everyday! The first sign that there was more to life than just studying was the anatomy party after our first exam. As a class we started making memories together.

Although there were plenty of rough times, we knew how to have fun! From our first party to our last, it was fun to get to know everyone outside of class. Tobacco Company on Thursday nights, school picnics, school semi-formals, and MCV formals were always a blast. We all had our friends that kept us going throughout school. The one thing I loved about our class was that even though we all had our sets of friends, our class as a whole always got along with each other. It's been great getting to know each one of you throughout the years. I know each of you has unique qualities and will contribute to the pharmacy profession in your own way. Some of us came to school married and with kids, while others got engaged and married over the four years. Some were even brave and three babies were born in our class over the 4 years! A few of our classmates decided to stay a couple of extra years to continue their education with additional degrees. Good luck to all of you!

It has been a pleasure to serve as your class president for the past two years. I wish all of you good luck with your future endeavors, both personal and professional. Congratulations, Class of 2006. We did it!

- Sukhmani K Sarao, Class of 2006



Katherine Ahern
Mechanicsville, VA
Virginia Commonwealth University



April Anderson
Charlottesville, VA
University of Virginia



Ebenezer Aniagyei
Hampton, VA
Thomas Nelson Community College



John Austin
Newport News, VA
Virginia Wesleyan College



Brett Barlow
Rustburg, VA
Lynchburg College



Ropon Bateman
Mechanicsville, VA
Virginia Tech



Walter Belcher
Haysi, VA
University of Virginia's College at Wise



Gregory Blake
Gloucester, VA
Christopher Newport University



Kristina Bond
Huber Heights, OH
College of Wooster



Brian Broyles
St. Paul, VA
University of Tennessee



Brandy Butler
Sandston, VA
Virginia Commonwealth University



Emily Byrd
Bristol, TN
Maryville College



Chau Cao
Germantown, MD
Salisbury University



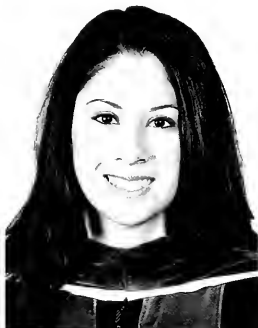
Emily Chambers
Bluefield, VA
Virginia Tech



Karrie Chapman
Gate City, VA
University of Virginia's College at Wise



Soyoung Chon
Chesterfield, VA
Virginia Commonwealth University



Kimberly Clark
Norfolk, VA
Virginia Commonwealth University



Amanda Colquitt
Lynchburg, VA
Virginia Tech



Angel Crabtree
Clintwood, VA
University of Virginia's College at Wise



William Dalton
Hurt, VA
Central Virginia Community College



John Dobay
Norfolk, VA
Old Dominion University



Carrie Dotson
Hurley, VA
University of Virginia's College at Wise



Whitney Dueringer
South Bend, IN
Indiana University



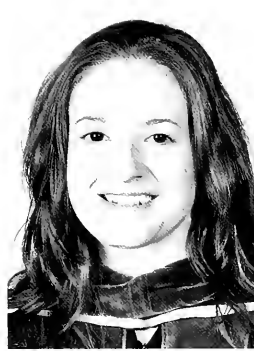
Hailey Elliott
Newport News, VA
Christopher Newport University



Duane Erby
Lynchburg, VA
Lynchburg College



Joshua Estep
Rosedale, VA
Southwest Virginia Community College Virginia Commonwealth University



Jaclyn Ferrell
Richmond, VA



Nicholas Ford
Chester, VA
James Madison University



Kelly Gauthier
Rochester, NY
State University of New York



Jennifer Gibson
Richmond, VA
Clemson University



Justin Gillum
Greenup, KY
University of Kentucky



Emilie Glover
Chesapeake, VA
Mary Baldwin College



Graham Gravley
Hillsville, VA
Davidson College



Ruth Green
Goochland, VA
Virginia Commonwealth University



Ronald Gregory
Richmond, VA
Randolph-Macon College



Kasey Griffith
Strafford, VA
Syracuse University



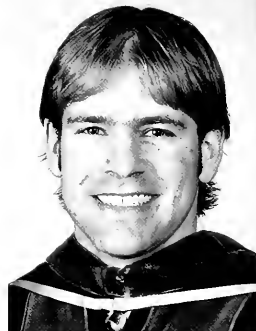
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Chesapeake, VA
Old Dominion University



Leigh Hamilton
Pikeville, KY
University of Kentucky



Mark Hardgrove
Richmond, VA
Lynchburg College



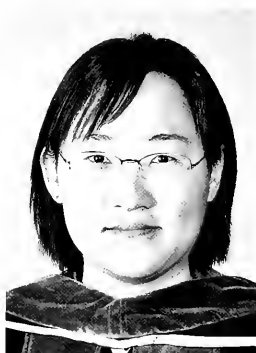
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Newport News, VA
Christopher Newport University



Jenell Henson
Roanoke, VA
Roanoke College



Elizabeth Herman
Clarksville, VA
Virginia Tech



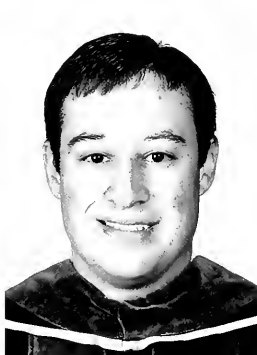
Seo Hong
Arlington, VA
James Madison University



Jennifer Ingham
Kent, WA
Reed College



Lacey Jackson
Gloucester, VA
Virginia Commonwealth University



Brandon Jennings
Fredericksburg, VA
Virginia Commonwealth University



Priscilla Jones
Kenbridge, VA
Virginia Commonwealth University



Sevan Kolejian
Richmond, VA
University of Maryland - Baltimore County



Sat Le
Richmond, VA
Virginia Commonwealth University



Seina Lee
Richmond, VA
Virginia Commonwealth University



Karen Lowitz
Richmond, VA
Virginia Commonwealth University



Crystal Matejcek
Virginia Beach, VA
Old Dominion University



Stephanie Matney
Grundy, VA
Virginia Tech



Lindsay Mayer
Richmond, VA
Virginia Tech



Miranda McConnell
Duffield, VA
Alice Lloyd College



Todd Miano
Nickelsville, VA
University of Virginia's College at Wise



Jennifer Munn
Yorktown, VA
Virginia Commonwealth University



Diane Newman
Roanoke, VA
University of Virginia



Funmilayo Oshode
Richmond, VA
Virginia Commonwealth University



Sangah Park
Herdon, VA
University of Florida



Namrata Patel
Richmond, VA
Virginia Commonwealth University



Ashley Patton
Blountville, VA
East Tennessee State University



Rebecca Pennington
Kentbridge, VA
Virginia Tech



Erica Perry
Mechanicsville, VA
Virginia Commonwealth University



Rita Pezeshcan
Roanoke, VA
University of Virginia



Lisa Phipps
Glen Allen, VA
Virginia Commonwealth University



Andrea Plummer
Greenup, KY
University of Kentucky



Jason Price
Gold Hill, NC
University of Mississippi



Amanda Proost
Mechanicsville, VA
Virginia Commonwealth University



Emilie Raddin
Richmond, VA
University of Virginia



Eric Rakes
Richmond, VA
Virginia Commonwealth University



Kelli Remines
Bluefield, VA
James Madison University



Rena Rife
Hurley, VA
Bluefield College



Matthew Robinson
Pikeville, KY
University of Kentucky



Crystal Rose
Newport News, VA
Virginia Tech



Mary Roslan
Woodbridge, VA
College of William and Mary



Karen Rymers
Garden City, NY
Roanoke College



Sukhmani Sarao
Blacksburg, VA
Virginia Tech



Julie Setliff
Galax, VA
Virginia Tech



Fadi Shamma
Tampa, FL
University of Virginia



Manisha Singh
Fairfax Station, VA
University of Virginia



Mark Sneider
Richmond, VA
Virginia Tech



Susan Sprow
Fredericksburg, VA
University of Mary Washington



Martin Stapleton
Wise, VA
University of Virginia's College at Wise



John Stevens
Lexington, KY
University of Kentucky



Nathan Still
Coeburn, VA
University of Virginia's College at Wise



Derek Sutherland
Elk Creek, VA
Virginia Tech



Kristin Tackett
Roanoke, VA
Virginia Tech



Christopher Tagliente
Virginia Beach, VA
James Madison University



Tsedale Tarekegne
Richmond, VA
Virginia Commonwealth University



Amy Tennien
Virginia Beach, VA
State University of New York



Angela Toler
Mechanicsville, VA
Virginia Commonwealth University



Divya Trehan
Herndon, VA
James Madison University



Katie Underhill
Chester, VA
Virginia Commonwealth University



Trisha Ung
Fremont, CA
University of the Pacific



Mark Vaughan
Pulaski, VA
Virginia Tech



David Williams
Richmond, VA

Virginia Commonwealth University



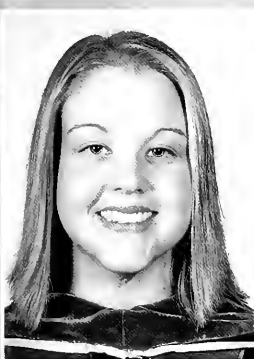
Jill Wood
Abingdon, VA
King College



Leonard Wryter
Cape Coast, Ghana
Virginia Commonwealth University



Ja'Nay Young
Virginia Beach, VA
Norfolk State University



Amy Zeigler
St. Paul, VA

University of Virginia's College at Wise

Then and Now: Delegate Harvey Morgan



Above: A senior class portrait of Harvey Morgan, MCV School of Pharmacy 1955.



Above: A more recent photograph of Delegate Harvey Morgan.

"My love and respect for MCV have not diminished over the years. I continue to be grateful to my alma mater and its impact on my career and my life."

-Delegate Harvey Morgan, 2006

Delegate Harvey Morgan was first elected to the Virginia House of Delegates in 1979 and represents the 98th Legislative District. Having graduated from the MCV School of Pharmacy in 1955, he went on to become very active throughout the community, eventually serving as Chairman of the Commerce and Labor Committee and Chairman of Higher Education. He has received several gubernatorial appointments including the Governor's Advisory Committee on Medicare/Medicaid and the Virginia Drug Abuse Advisory Council. Delegate Morgan has received numerous awards and honors including the MCV Alumni Association Outstanding Pharmacy Alumnus Award in 1992 and Legislator of the Year in 2004 by the Chesapeake Bay Foundation.



Michelle Alga



Karen Allison



Farah Al-Mtwali



Joyce Assiamah



Sarah Baumstimler



Chris Belles



Elizabeth Beuter



Mark Bowie



Kelly Branham



Erin Briggs



Nathan Callaway



Megan Campbell



Jordan Canady



Sherry Cathey



Natalie Chen



Jonathan Cheung



Wade Chi



Katie Clasen



Lee Clodfelter



Susan Cogut



Erin Colson



Jody Conway



Brigham Cowgill



Fran Crowder



Stacey Dean



Mital Desai



Sarah Dickerson



Joseph Farland



Andrew Fergusson



Allen Gandhi



Opheliamor Guzman



Nessim Hadji



Travis Hale



Larissa Hall



Patricia Hawkins



Terra Hosp



Christopher Howard



Luke Humphries



Tiyawnah Hurst



Thomas Hutton



Lily Leu



Ashley Lewis



Ahmed Mahmoud



Lisa Marston



Josh Milam



David Mills



Honor Montgomery



Matthew Myers



Nicara Neely



Jason Neill



Tiffany Nuten



George Ofosu



Christina Olmsted



Katherine Outten



Lazaros Pastrikos



Zarna Patel



Tracy Pham



Suzanne Phillips



James Powell



Joseph Price



Shazia Raheem



Joe Ramey



Laura Reith



James Renner



Marcie Roark



Amanda Schutt



Kim Scott



Krystal Self



Riddhi Shah



David Shakespeare



Mink Sisaithong



Melanie Smith



Renee Soboleski



Jessica Southward



Missy Spangler



Jeremy Spires



Brandon Sturgill



Margaret Sutton



Kim Tran



Thuy Truong



John Van



Carrie Vest



Kathryn Weakley



Ayrl Webb



Emily Wells



Cassandra Wood



Rachel Yost



Hanan Amireh



Ryan Anderson



Erika Arbogast



Jose Bayas



Kobe Boakye



Verna Boyd



Tiffany Callicutt



Paul Caudill



Amelia Chancellor



Michelle Conely



Valerie Cutlip



Bryan Dalton



Michael Davis



Nancy Decker



Heather DeFriece



Tara Dishner



Jamin Engel



Adam Farmer



Jayne Feminella



Elsie Forseh



Christina Fox



John Fox



Sarah German



Amanda Haga



Nader Hanna



Francoise Hoang



McKinsey Huff



Elizabeth Hurt



Adel Jaber



Carl Johnson

School of Pharmacy

Class of 2008



Jessica Johnson



Sahar Karimi



Stephanie Lee



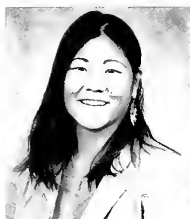
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Kara LeSueur



Lawrence Lopez



Denise Lum



Eric Mahone



Ryan Mayoralgo



Laden Mohamed



Corinne Mohler



Huyen Nguyen



Adam Norris



Hiral Patel



Nhu-Oanh Pham



Diana Piersol



Michelle Pohoreskey



Michelle Poore



Nathan Powell



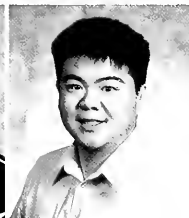
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Melinda Roop



James Ross



Benjamin Shao



Sarah Shifflett



Nadirah Shorey



Eun Sim



Brynnt Smith



Lindsay Spires



Mahmoud Sultan



Kerri Temple



Amanda Tullio



Lisa Vo



Holly Webb



Justin Wilson



Molly Zeiler

Then and Now: Rebecca Snead

"My greatest memory is actually the collection of memories throughout my years at MCV which resulted in a sense of community...a sense of family. We all cared for each other and the patients we were serving. We learned that together we can achieve so much more than individually. We learned that with hard work, determination, the support of your family and a great foundation you can achieve great things. MCV gave me that foundation....that sense of community that a family provides you. I love returning to the MCV campus today....it feels like a home coming."

- Becky Parker Snead, 2005



Rebecca P. Snead received her Bachelor of Science in Pharmacy from the Medical College of Virginia in 1985. She has served as the Executive Director of the Virginia Pharmacists Association, where she began her career as the Director of Professional Affairs in July 1994. In addition, beginning April 2002, she assumed the role of Administrative Manager for the National Council of State Pharmacy Association Executives as well as President of the MCV Alumni Association of Virginia Commonwealth University. Throughout the years, she has also been very active throughout the community in various volunteer leadership positions, including President of Virginians Improving Patient Care and Safety and Board member of the Arthritis Foundation-Virginia Chapter. She also serves as a preceptor for the Hampton University School of Pharmacy, Shenandoah University School of Pharmacy, and the VCU School of Pharmacy.

Among the numerous awards she has received, in 2000, Rebecca Snead was awarded the VCU Alumni Star for Pharmacy and has been named one of the 50 most influential pharmacists in the nation by the American Druggist Magazine. In 2002, she was featured on the cover of *Scarab*, the magazine for alumni, faculty, and friends of the MCV Campus of VCU.

Right: A senior class portrait of Rebecca P. Snead, MCV School of Pharmacy Class of 1985 and a more recent photo of her from the cover of *Scarab*.





Swati Amin



Kara Butler



Joshua Crawford



Brad Deal



John Ejezie



Jeremy Essig



Jennifer George



Lawrence Gonzales



Emily Harmon



Paul Heron



Victoria Huynh



Miren Jauregui



Paula Kim



Jonathan LaFrenaye



Tingting Lin



Prital Mehta



Gia-Lai Nguyen



Nancy Nguyen



Ayoyinka Ojitalayo



Fatimah Pasha



Kena Patel



Kara Plauger



Patricia Rogers-Babin



Lynn Silagyi



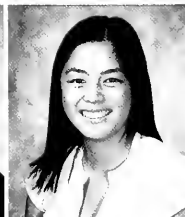
Ashley Varney



Leska Webb



Peter Wills



Jennifer Yuen



NURSING

A Letter to the Senior Class:

To the Fabulous Class of 2006,

From our first experiences in the basement "lab" to the procession into the Siegel Center, our class has been through many changes: the grading scale, last minute clinical switches and lectures in the lounge (due to some nasty mold). But through it all, some things have remained constant...

Congratulations on finally graduating and the best of luck to everyone in the Class of 2006!

~Ida Trice and Anne Clements



Constance Austin
Virginia Beach, VA



Nicole Berlin
Fredericksburg, VA



Elaine Bolipata
Richmond, VA



Charmese Carter
Ettrick, VA



Anne Clements
Warsaw, VA



Jackie Dingwell
Midlothian, VA



Ashley Foster
Glen Allen, VA



Christine Hogate
Prince George, VA



Jessica Jackson
Sandston, VA



LaChrisa Jennings
Glen Allen, VA



Heidi Kraus
Yorktown, VA



Susan McConnell
Midlothian, VA



Kristal Ratcliffe
Powhatan, VA



Jason Sitterson
Glen Allen, VA



Sarah Skelly
Williamsburg, VA



Amy Smith
Midlothian, VA



Ida Trice
Richmond, VA



Kiley White
Leesburg, VA



Habibah Williams
Chester, VA

*Biggest Tattoo - Heather Hudson
Most Likely to Have 12 Children -
Melissa Cope
Biggest Homebody - Megan Cannon
Most Likely to Date a Patient - Rachel
Hummicutt
Always Late - Natasha Colmore
Best Curls - Anne Clements
Most Likely to Carry Starbucks -
Autumn Rabbers
Highest Heels - Ida Trice
Always with Her Cell - Hilary Harris
Biggest PopTart Fan - Elaine Bolipata
Most Genuine - Kiley White
Dazed & Confused - Ahmed Qureshi vs.
Sharac Moody
Best Smile - Blair Stone
Front-row Resident - Matthew Scoggins
Most Likely to Leave Class Early - Heidi
Kraus vs. Autumn Authier*



Rizza Abella



Michelle Acosta



Kristin Cosby



Evan Dove



Maryann Harvey



Marissa Heath



Rehana Kazi



Joanna Klein



Kathleen Martin



Megan McGhee



Kathleen Miltner



Jessica Rice



Amanda Royals



Chantel Skipper



Jessica Thies



Katherine Turnage

Then and Now: Sister Patricia Eck

"Great people, great fun, and learning for a lifetime." - Sister Patricia Eck, 2005



Above: A senior class portrait of Sister Patricia Eck, MCV School of Nursing Class of 1972.

Below: A more recent photograph of Sister Patricia Eck.



As a girl, Sister Patricia Eck always knew she wanted to be a nurse. She watched her mother, a nurse, care for friends and neighbors in need. Inspired by her mother, she chose nursing as a career. With the idea of religious life always holding a place in her mind, she decided to become a Sister of Bon Secours after graduating from nursing school. "I like being with people and caring for them when they needed it most," she says, "It was a great opportunity to serve people in a community I love."

Following a call to nursing and religious life, Sister Patricia Eck has made an indelible impression in the lives of those she has served either as a nurse or administrator. She finds inspiration in her work everyday and values the opportunity she has to make a difference in so many lives.



LIFE HEAT
LIFE HEAT
LIFE HEAT

A Letter from OT and PT Class of 2006 Presidents:

To the Occupational Therapy Class of 2006:

Our class formed during the summer of rain, the summer of 2004. We are a large group, starting out with 25 members. Diverse in some aspects and very homogenous in others (we frequently count ourselves lucky to have Mark and Clint as the male viewpoints in the class!) Several of our cars were either carried away or ruined in the flooding brought on by tropical storm Gaston. Man, that was a fun ride home! Wait...A song is coming to mind....Just keep swimming, just keep swimming!! We've had the pleasure of welcoming two babies: Mario Williams, Jr. and Sydney Mason into our ranks, and we look forward to welcoming another in the summer of 2006. A few of us got engaged during our time here. As our group continues to grow and change, I know we will look back on our time at VCU with fond memories in the years to come.

—Jennie H. Fairservice, Occupational Therapy Class President, M.S.O.T.'06

To the Doctors of Physical Therapy Class of 2006:

We spent almost all day together with each other in the basement of the West Hospital for the better part of the last three years. For those that do not know, this is where Department of Physical Therapy is located. It is here that we all learned about each other and about ourselves as we struggled together through an intense program designed to outfit us all with the tools necessary to become entry-level physical therapy clinicians. More importantly, the caring faculty challenged us not to just follow protocols but to use our minds to investigate and understand why our patients' impairments lead to their functional limitations and disabilities. We learned to design treatment rationale to tailor rehabilitation to them as individuals allowing the high school running back to return to the playing field, helping the grandmother pick up her beautiful granddaughter after she has suffered from a debilitating stroke or helping the neighbor who is diagnosed with cerebral palsy play like the other kids at school.

As we look back at our times in the basement we can remember the times that we all stressed about that next Neuro test or what the specificity and sensitivity of whatever special test. Most of all, we can look back at the friendships that we were able to build as we all were together working to become Doctors of Physical Therapy. As diverse as we were, there was always someone there to relate to.

— Michael Hathaway, Class President, DPT Class of 2006



Maheder Ayele
Richmond, VA
Clinical Laboratory Science



Esraa Bani
Herndon, VA
Clinical Laboratory Science



Tiffany Bertolacci
Virginia Beach, VA
Virginia Tech
Physical Therapy



Lynnette Blosser
Fredricksburg, VA
Mary Washington College
Physical Therapy



Teesha Boyd
Raleigh, NC
University of North Carolina at Chapel Hill
Health Administration



Shawnte Branch
Richmond, VA
Old Dominion University
Physical Therapy



Mandy Bullock
Chesapeake, VA
Virginia Tech
Occupational Therapy



Erin Clibbens
Richmond, VA
Virginia Tech
Occupational Therapy



Amy Crystal
Charlottesville, VA
University of Virginia
Occupational Therapy



Eric Dalton
Newport News, VA
James Madison University
Health Administration



Lauren Donovan
Richmond, VA
West Virginia University
Health Administration



Matt Evans
Tyler, TX
University of Tennessee
Health Administration



Jennie Fairservice
Mechanicsville, VA
James Madison University
Occupational Therapy



Camille Fisher
New Bern, NC
University of North Carolina at Chapel Hill
Health Administration



Jamelle Foster
Richmond, VA
University of Virginia
Physical Therapy



Eva Frimpong
Sunyani, Ghana
Virginia Commonwealth University
Occupational Therapy



Jennifer Griffith
Virginia Beach, VA
Clinical Laboratory Science



Jerad Hanlon
Richmond, VA
James Madison University
Health Administration



Natalie Hayes
Southern Pines, NC
Wingate University
Occupational Therapy



Jessica Phuong Ho
Richmond, VA
Clinical Laboratory Science



Edwin Gerry Ibay
Richmond, VA
University of Richmond
Health Administration



Laura James
Richmond, VA
North Carolina State University
Occupational Therapy



Una Kim
Stafford, VA
Clinical Laboratory Science



Sharon Lee
Dallas, TX
University of Texas at Dallas
Health Administration



Deanna Lee
Norfolk, VA
University of Virginia
Health Administration



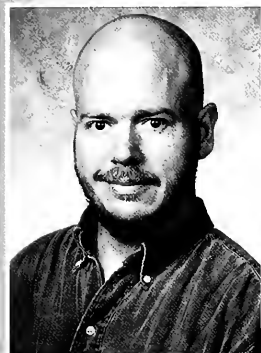
Ashley Lewis
Amherst, VA
James Madison University
Health Administration



Emily Mason
Richmond, VA
Randolph-Macon University
Occupational Therapy



Meghan McCue
Covington, VA
Virginia Commonwealth University
Occupational Therapy



William Miller
Harrisonburg, VA
Clinical Laboratory Science



Nazar Mohammadali
Richmond, VA
Clinical Laboratory Science



Megan Moore
Williamsburg, VA
Mary Baldwin College
Health Administration



Sarah Moore
Albuquerque, NM
Virginia Commonwealth University
Occupational Therapy



Calee Morris
Richmond, VA
Nurse Anesthesia



Kirsten Murphie
Burlington, NC
East Carolina University
Occupational Therapy



Aryana Palmer
Houston, TX
University of Virginia
Health Administration



Lanetta Pressley
Springfield Gardens, NY
Virginia Commonwealth University
Occupational Therapy



Jill Roenker
Virginia Beach, VA
Virginia Tech
Occupational Therapy



Jennifer Self
Lynchburg, VA
Longwood University
Occupational Therapy



Megan Selman
Martinsville, VA
Virginia Tech
Occupational Therapy



Haas Shaner
Yorktown, VA
University of Alabama
Health Administration



Mark Shiflett
Winchester, VA
Radford University
Occupational Therapy



Brandi Smithson
Mechanicsville, VA
Clarion University
Occupational Therapy



Amber Stevens
Newport News, VA
Virginia Commonwealth University
Occupational Therapy



Nicole Striano
Doswell, VA
Clinical Laboratory Science



Tri Tang
Richmond, VA
Virginia Military Institute
Health Administration



Donna Thrift
Reedville, VA
Virginia Commonwealth University
Occupational Therapy



Carolina Torres
Vienna, VA
Clinical Laboratory Science



Angie Tucker
Richmond, VA
James Madison University
Health Administration



Justine Valentine
Danville, VA
Clinical Laboratory Science



Cynthia Young
Richmond, VA
Rehabilitation Counseling



Melissa Zuraw
Virginia Beach, VA
Virginia Commonwealth University
Occupational Therapy



Holly Agnew
Occupational Therapy



Ashley Amey
Occupational Therapy



Amanda Barbara
Occupational Therapy



Stefano Barreto
Occupational Therapy



Mohammed Beyad
Health Administration



Katie Campbell
Health Administration



Sarah Coble
Gerontology



Emily Crinklaw
Occupational Therapy



Rose Crystal
Radiation Sciences



Katie DeWeerd
Occupational Therapy



Laura Downey
Occupational Therapy



Courtney Fox
Occupational Therapy



Melissa Glass
Occupational Therapy



Tamera Hairston
Occupational Therapy



Shannon Hathaway
Occupational Therapy



Nikki Juergensen
Occupational Therapy



Jessica Karan
Occupational Therapy



Sarah Kim
Occupational Therapy



Allison Krumpe
Occupational Therapy



Larry Lanberg
Clinical Laboratory Science



Kelly Lefler
Occupational Therapy



Heather Link
Occupational Therapy



Kari Longoria
Health Administration



Zach McCluskey
Health Administration



Marian Mensah
Occupational Therapy



Jason Nagy
Clinical Laboratory Science



Steven Naleway
Health Administration



Vikram Nambiar
Patient Counseling



Brian Nidermayer
Occupational Therapy



Emily Ratliff
Radiation Sciences



Heather Schultheis
Occupational Therapy



Kathy Sherbon
Occupational Therapy



Emily Tafel
Health Administration



Davina Vaswani
Health Administration



Enid Virago
Patient Counseling



Erica White
Occupational Therapy



Hilary Willson
Occupational Therapy



Latasha Winstead
Health Administration



George Yanulis
Clinical Laboratory Science



Eric Young
Health Administration

Then and Now: Sister Patricia Eck

"MCV was a great time both for Nursing (BSN) and Health Administration (MHA). Skull and Bones [restaurant] was a constant... and Baruch Auditorium and Grand Rounds were great. These were old buildings and small classes for both nursing and health administration."
-Sister Patricia Eck, 2005

Sister Patricia Eck has been serving the community for over 30 years through nursing, management, and sponsorship roles for the Bon Secours Health System (BSHS) facilities. After completing her Bachelor's degree in Nursing from MCV in 1972 and a Master's degree in Nursing from Catholic University of America, she proceeded to obtain her Master's degree in Health Administration from MCV, which she completed in 1981.

Changing roles from nurse to administrator, her mission to give "good help" to those in need never wavered. "I wanted to contribute to policy and decision making. I had something to offer," Sister Pat explained. In 1997, Sister Pat was appointed chairperson of Bon Secours Health System Board of Directors and relocated to Maryland. In this position, she makes a difference in the lives of those the Health System serves. "There is an energy and spirit about caring for other people and making what we do everyday our life's work," she says, "A lot of people don't have this opportunity." Sister Patricia gathers inspiration and energy from those she works with and the people she visits at the 41 local BSHS communities. "I work with an incredibly talented and committed group of people. When I go into the local communities to see people providing care and leadership, it re-ignites in me our commitment and what we're called to do," she says.

As chairperson of BSHS, Sister Pat is responsible for the governance of the Health System and mission functions at the system level – it is her responsibility to make sure the priority of the System's mission remains undiminished at system, divisional and local levels.

In August 2002, Sister Pat was installed as the chairperson of the Board of Trustees for the 2,000 member Catholic Health Association of the United States. As a member of CHA's Board of trustees, she will collaborate with other Board members to provide governance in setting strategic directions in the areas of mission, ethics, and advocacy to support and strengthen the Catholic health ministry in the United States. "My hope is that we can be the moral and prophetic voice that is needed in our Church and world today," Sister Pat says. "Our call today is old and clear. We are committing ourselves to advocate for justice and to transform our health ministry."



Above: A senior class portrait of Sister Patricia Eck, MCV School of Allied Health Professions, Class of 1981.

Below: A more recent photograph of Sister Patricia Eck.



School of Allied Health Class of 2008



Megan Ackerman
Radiation Sciences



Allison Bailey
Physical Therapy



William Bowen
Physical Therapy



Lauren Cahoon
Radiation Sciences



Ashley Cook
Physical Therapy



Martha Cosgrove
Physical Therapy



Jennifer Early
Physical Therapy



Paula Justis
Physical Therapy



Sheraz Malik
Radiation Sciences



Jennifer Pitts
Health Administration



Elizabeth Rinehardt
Radiation Sciences



Lindsey Rogich
Physical Therapy



Kirsten Sheriff
Physical Therapy



Rebecca Smith
Physical Therapy



Darla Susenbach
Physical Therapy



Kirsten Timmel
Physical Therapy



Courtney Waldron
Physical Therapy



MCV Student Government Association

To the MCV Campus Students:

It has been my sincerest pleasure to work on behalf of the student body. I have enjoyed working with the SGA, Honor Council and the student leadership and administration of each school as well as the general student body. I am excited about our continued work together to enhance student life on the MCV Campus.

On behalf of the Division of Student Affairs and Enrollment Services, congratulations to the graduating class of 2006! Each of you has achieved an important milestone in your personal and professional development. I wish you success and best wishes in your future endeavors.

*Dr. Geoffrey H. Young
Associate Dean for Student Affairs*

2005-2006 SGA Executive Board

President: Ashley Hall

Philanthropy VP: Chris Van Raam

**Student Life VP & Honor Council
Chair:** Myo-Thwin Myint

Social Vice President: Giza High &
Zeina Saliba

Editor-in-Chief of The X-Ray:
Patrick Sweet III

Assistant Editor-in-Chief of The X-Ray:
Jennie Nguyen



The Student Government Association (SGA) is the governing body for the students of the MCV Campus. It administers programs and activities for all of the five professional schools at MCV. Funding from student fees is used for philanthropic events, social activities, the MCV Winter Ball, as well as "The X-Ray", the annual publication for MCV. Representatives are elected from each class of each school and serve as a liaison between the SGA Executive Board and the student body.

SGA holds monthly meetings open to the student body in which the Executive Board and SGA representatives are required in attendance. All students are welcome and encouraged to be elected or appointed as officers or representatives and also have a right to participate in its governance.





Dear MCV Campus Students,

I would like to thank everyone for another great year on the MCV Campus. This year the Student Government Association was able to continue many traditional campus events while adding a few new activities. The End of Semester Study Breaks and the Halloween party remain popular events. Tickets to the Winter Ball at the Jefferson Hotel were in high demand and the event was a great success with over 1000 students and faculty enjoying an evening together. The SGA also registered 32 teams of students to run in the upcoming Monument Ave 10k with proceeds benefiting the Massey Cancer Center. Other activities included Habitat for Humanity, a bowling night, casino night and tailgate party at VCU's Homecoming. Besides planning fun events for students, the SGA has worked tirelessly with the administration to try to improve the quality of life for students on the MCV Campus. Parking and safety issues continue to be a top priority and progress has been made with the addition of the Main Street Station Parking Lot and increased VCU police presence at popular off campus parking locations. The administration has also committed to building a new Rec Sports facility on the MCV Campus and a planning committee has been formed. With Hunton Hall scheduled to open in September, a new School of Nursing and Critical Care Tower under construction, the MCV Campus is changing before our eyes. I'd like to thank all of the SGA officers and representatives for all of their hard work this year and I encourage everyone to get involved with the SGA in the future. Thanks for the privilege of serving as your SGA President.

Sincerely,

*Ashley E. Hall
School of Medicine, Class of 2006*



Medical Student Government



Meghana Gowda (MSG President) & Vince Roddy (M1 President)

The School of Medicine Student Government (MSG) was founded in order to unite the four School of Medicine classes under one organization. MSG aims to represent the entire medical school student body and all enrolled medical students are members of this organization. The focus of MSG is to pursue projects of common interest to the School of Medicine that may not necessarily extend to the rest of the MCV student body. Some areas of interest of MSG are: coordinating M1 Orientation, publishing "Survival Guides" for students, disbursing 12.5% of the SOM Annual Fund, coordinating class elections, and sponsoring social events such as Liver Rounds, Wine Tasting, and Medicine Ball. The MSG has a student-run publication, "Skull and Bones" as well as an informational website.

2005-2006 Medical Student Government Officers

President: Meghana Gowda

Vice President of Student Life: Shakun Gupta

Vice President of Social: Mahesh Raju

Vice President of Publications: Kristin Ondecko

Secretary: Mireille Truong

Treasurer: Drew Davis



*Dr. Geoffrey Young (Associate Dean of Student Affairs), Mireille Truong (MSG Secretary),
Dr. James Messmer (Associate Dean of the School of Medicine).*

American Student Dental Association



Front row (from L to R): Nathan Saydyk, Brendan Smith, Elizabeth Berry, Aaric Allred, Frank Henrich
Back Row (from L to R): Jeff Allred, Valerie Watson, Russell Guymo, Zach Kuenzli

ASDA

The American Student Dental Association is a national student-run organization which protects and advances the rights, interests, and welfare of students pursuing careers in dentistry.

It represents students with a unified voice and provides information, education, advocacy, and services. The association introduces lifelong involvement in organized dentistry, and promotes change for the betterment of the profession.

ASDA Representatives:

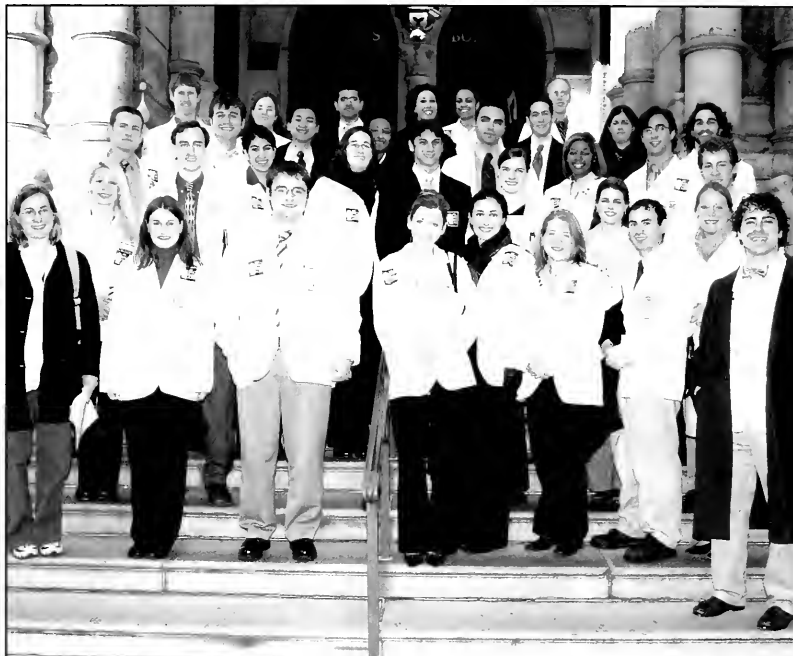
Rob Chatterton, Legislative Committee Chairperson
Elizabeth Berry, Service Committee Chairperson
Nathan Saydyk, D4 Rep, Legislative Committee
Valerie Watson, D4 Rep, Membership Benefits Committee
Brendan Smith, D3 Rep, Legislative Committee
Aaric Allred, D3 Rep, Lunch & Learn Committee
Jeff Allred, D2 Rep, Pre-Dental Committee
Russell Guymon, D2 Rep, Lunch & Learn Committee Chairperson
Zach Kuenzli, D1 Rep, Membership Benefits Committee
Frank Henrich, D1 Rep, Pre-Dental Committee

American Medical Association-Medical Student Section



Right: AMA members lobbying at the Richmond Capitol for changes and awareness on issues pertaining to healthcare legislature.

Photos Above: Radhika Thoru (M2), presenting to elementary school kids in an AMA sponsored community service project..



President
Janelle Posey

Vice President
Membership
Sabina Amin

Vice President
Community
Service
Emily Little
Kim-Ahn Nguyen

Vice President
Legislative
Affairs
Bella Gabrice

Secretary
Judson Frye

Treasurer
Zeina Saliba

General Council
Representative
Judson Frye

General Council
Alternate
Kenneth Wong

The AMA-MSS is dedicated to representing medical students, improving medical education, developing leadership, and promoting activism for the health of America. More than 50,000 members strong nationwide, the AMA-MSS is a forum for medical students to impact health policy and understand the issues facing medicine. Through projects, programs, and activities, the AMA-MSS pursues to be the leading medical student organization for advancing issues of public wellness, community service, ethics, and health policy.



Medical Society of Virginia-Medical Student Section

In November 2005, the Medical Student Section of the Medical Society of Virginia made history. Students from the MCV Chapter wrote a resolution that was the first student resolution ever submitted to the MSV House of Delegates. In response to controversy over the MCV name change, the Medical Student Caucus, which included representatives from all Virginia medical schools, voted unanimously to support the MCV Chapter in writing a resolution that dealt with the issue. The final resolution called for the Medical Society of Virginia to inquire into why VCU changed the name and with what statutory authority they were able to do so.

Through the efforts of Dan Barrett, Cliff Deal III, MD, Judson Frye, and Patrick Sweet III the resolution was successfully defended during testimony at the MSV annual meeting. The resolution finally made it to the MSV House of Delegates where it was passed as amended. The achievement was proof that medical students could use the Medical Society of Virginia as a means for change.

Virginia Commonwealth University School of Medicine
Student Representatives
Chair
Daniel Barrett

General Council Representative
Judson Frye

MSV Foundation Director
Patrick Sweet III

MSV Associate Director
Kristen Ondecko



Skull and Bones

Skull and Bones is published by the Medical Student Government of the VCU School of Medicine. Serving as a source of creative expression through narrative, poetry, and art, *Skull and Bones* also features several series of contributions. "Too Lazy for JAMA" series, written by Meghana Gowda, Medical Student Government President, explores contemporary issues at the forefront of medical science. Another series by Dan Barrett, President of the Medical Society of Virginia Medical Student Section, takes a look at student involvement in organized medicine on a local, state, and national level. We also capture a glimpse, through both written and graphic expression, of student involvement in the community and at VCUSOM. Resurfacing this year after an almost 25 year hiatus, this continues the tradition begun more than 90 years ago on November 5, 1915 by the Class of 1918.



Featuring the highlights of *Skull and Bones* from 2005-2006

Students from the Class of 2009 wrote Heart Songs about those things which inspire them and touch their hearts...

The Walk

The road I took
was not the road I sought
Twists and turns
with every stride
I fell more than I stepped

I walked without knowing where the road would take me
I questioned until there were none left
I watched as others took roads that I wished were mine
I watched as others passed me by

But still I walked... still I walked...
always pushed by the promise... of simple arrival
But why is it that the promises we make ourselves
always seem the promises most empty

Because I did arrive...
and arrival was not simple at all
With it came more roads
with steeper climbs, twists, and falls

I walked, I fell, I stood up again
I walked, I fell, I stood up again
And still I danced...
I'm dancing still

Because I no longer care about the arrival...
that isn't really an arrival at all
Instead... I walk the walk...
with its twists and falls
Because it's the walk itself...
that's the heart of it all

Walk the road and you will arrive
Seek arrival and you lose your stride
Twist or turn
Fall or stand
I will not lose my way... ever again

I will stumble
I will fall
But always, I will walk it my way
Because this is My Road
And I am here to stay.

Kevin Lee, Class of 2009

Skull and Bones Staff

MSG Vice President of
Publications and
Senior Editor
Kristin Ondecko

Editor-in-Chief
Van Ta

Photography and
Publicity
Kevin Lee

Associate Editor
Matthew Morgan

Design
Mireille Truong

Writing this article was difficult for me, in that I feel I can never do justice to the experience. I would love more people to have the chance to spend time in Africa. It is an absolutely amazing, one that can change your life if you let it. Each member of our group came home with different gifts of experience.

~Debbi Kleimann, Class of 2008

VCUSOM (then MCV) began granting women admission into medical school in 1918. In 1920, Innis Steinmetz, a transfer student, became the first female to complete her medical studies here. Thirty years later, in 1955, Jean Harris became the first African-American woman to receive a medical degree from this institution.

~Tiffany Kelly, Class of 2008

Christine Gebert, Class of 2006, was studying for the USMLE Step

2 of the Boards in New Orleans when her and her fiancé, an ENT resident at LSU, had to evacuate the city for Hurricane Katrina. After watching millions of people lose their homes and nearly everything they owned, and to see an entire city shut down, there was only one thing left to do - go back and help those in need and left behind, mostly the poor and elderly.

Un día en Comayagua, Honduras

A first year medical student's experience in Honduras with HOMBRE 2005

We all felt very popular with lines of more than 400 people often waiting for us (the medical teams) when we arrived at each village site.

~Mark Ranck & Mireille Truong, Class of 2008



Modern Flossophy

School of Dentistry Newsletter



Modern Flossophy is the quarterly publication by the VCU School of Dentistry Student Government Committee and VCU ASDA Chapter with various articles written by students, faculty, and administration.

STUDENT GOVERNMENT TAKES HOME NATIONAL AWARDS AT ASDA ANNUAL SESSION IN HOUSTON



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Where is the Tradition at the VCU School of Dentistry?

-An Editorial by Bradford Allen, back page

The VDA Honors Our Students & Faculty at Annual Meeting

-Dean Hunt Reports, page 5

Students to Graduate with Invisalign Certification

-Nathan Saydyk Reports, page 5

Thoughts on Gross Anatomy

-D1 Students report, page 12

Do You Have a Patient with Meth Mouth?

-Ryan Edmunds Gives Valuable Information, page 17

Alpha Omega Alpha

AΩA

AOA, Brown Séquard Chapter

Faculty Advisor: Dr. Gordon L. Archer

Chapter President: Virginia Lang Robertson

Chapter Vice President: Mara Elizabeth Cappiello

Alpha Omega Alpha is the only national honor medical society in the world. Its *raison d'être* can be expressed in a phrase: **to recognize and perpetuate excellence in the medical profession.** As stated in the society's constitution, "Alpha Omega Alpha is organized for educational purposes exclusively and not for profit, and its aims shall be the promotion of scholarship and research in medical schools, the encouragement of a high standard of character and conduct among medical students and graduates, and the recognition of high attainment in medical science, practice, and related fields"

To fulfill the role it has set for itself, Alpha Omega Alpha elects outstanding medical students, graduates, alumni, faculty, and honorary members to its ranks. It sponsors several different programs, such as: the Alpha Omega Alpha Visiting Professorships - designed to enrich the educational environment of the medical schools to which they are awarded; the Leaders in American Medicine videotape series - presenting biographical interviews with distinguished men and women in American medicine; and the society's journal, *The Pharos*, is published quarterly and includes nontechnical papers and regular features which address a wide variety of topics of historical, philosophic, and current interest to physicians.

In addition, the society sponsors annual competitions for medical students: the Student Essay Awards and the Student Research Fellowships. The national office also endeavors to support the work of local chapters through the Chapter of the Year Award. In collaboration with the Association of American Medical Colleges, awards are also presented annually to outstanding teachers under the program known as the Robert J. Glaser Distinguished Teacher Awards.

Junior AOA- Members of the Class of 2006:

Angela Roman Bryan
Mara Elizabeth Cappiello
Evie Harvell Carchman
Ashley Elizabeth Hall
Ryan Michael Pizinger
Ryan Stacer Raddin
Virginia Lang Robertson
Phillip Robert Wright

Senior AOA- Members of the Class of 2006:

Brian Lim Bello
Sandra Faye Bryant
Kaoitha Chunchu
Meghan Naslund Cooper
Millard Andrew Davis
Judith Dunai
Shannon Calhoun Eastham
Andrew Matthew Farland
Elena Cuticelli Garrett
Grzegorz Mariusz Gawor
Abram Reed Geisendorfer
Andrew Robert Graber
Jonathon David Ha
Katherine Noller Hryniciw
Arun Benjamin Jesudian
Leon William Kao
Christopher David Kenney
Patrick Gibson Maiberger
Alisha Renee Miller
Barbara Ellen Simpson
Rebekah Ruth White
Debbie Yang
Robert Steven Young

Junior AOA- Members of the Class of 2007:

Shareef Basheer Ahmed
Robin Rahsmi Bhavsar
Michelle Lee Cowan
Ivan Christopher Davis
Miranda Sikora Dennis
Lauren Cameron Fiske
Amanda George
Amanda Lynn Gillespie
John Fred Hornick
Reena Khianey
Jamie Beth Olson
Mary Elizabeth Piazza
Stephanie Paige Rogers
Brian James Strife
Timothy Charles Walters



Delta Sigma Delta



Delta Sigma Delta was established by far-sighted professionals - men with vision - who possessed the desire to render the best dental services in the highest professional manner. It was intended to bring together not only the most talented students of dentistry while in school, but by the establishment of the Supreme Chapter, it brought in the outstanding teachers and practitioners.

Professional fraternities have strong faculty support because of the high standards required for the establishment of a chapter on a campus. A good scholastic average is an important criterion for membership. These fraternities feature professional and educational programs as well as the usual social functions, and have active Graduate Chapters. Nowhere in the history of Delta Sigma Delta has it been written that we must initiate the largest number of candidates. On the contrary, the literature is replete with the philosophy of selectivity.



From the Back Left to Right: Dave Christian, Vinnie Kwatra, Adrian Laxa, Andre Lewis, Eddie Gomez, Jerel Gutierrez, 2nd Row: Russel Guymon, Dr. Vincent Sawicki, Blake Maxfield, Michael Shuck, Cassidy Turner, Truc Dinh, Sarah Dowdy, Emily Mallinak, Dr. Art Mourino, Bernadette Mabanglo, Esther Oh, Laura Mallinak, Veepa Simon, First Row: Adam Ta, Jean Hong, Patrick Ngafook, Nadia Church, Quoc Lu, and Dave Tse



KE



Above: Kappa Epsilon members participating in the "Making Strides for Breast Cancer Walk", where they raised more than \$2000 for the philanthropy.

Kappa Epsilon



Photos Above: Kappa Epsilon members and pledges participating in community service projects and pledging events, "Tourist Day" and "Circus Day".

"Kappa Epsilon is an all female service fraternity at the VCU School of Pharmacy. Our primary philanthropy is breast cancer which we promote awareness for as well as raise money throughout the year to help find a cure. We also visit high schools and promote pharmacy because of the shortage that is destined in the upcoming decades. We also take on small projects throughout the year by providing clothes to shelters, Angel Tree gifts, Easter Baskets to the pediatric patients, and visiting the Massey Cancer Center patients" –Amber Ormsby, President of Kappa Epsilon



Kappa Psi

International Pharmaceutical Fraternity

KΨ

The Kappa Psi Pharmaceutical Fraternity, founded in 1879, is the oldest and largest pharmaceutical fraternity. Kappa Psi was formed with the mission of community involvement through professional activities. In addition, Kappa Psi strives to foster scholarships and mutually benefits all its members through industry, sobriety, fellowship, and high ideals. The Theta Chapter of Kappa Psi was installed at the Medical College of Virginia Campus of VCU on July 30, 1921. Today, it remains as one of three all male chapters in our province.



Above: Shave a Brother's Head benefiting the pediatric patients at the Nelson Cancer Clinic. Bottom to Top: Lee Clodfelter, Nessim Hadiji, Laz Pastrikos, Kevin Thorne, David Mills, James Renner, Mark Hardgrove, Mark Vaughan, Matt Myers, Patrick Powell and Faculty Advisor Dr. Andy Frasco.
Below Left: Putt Putt Tournament: left to right Patrick Powell and Matt Meyers
Below Right: Mike Davis at the 1st annual Kappa Psi Chili Cook Off



Above: Kappa Psi after their Nelson Clinic Presentation.

Below Left: The Brothers of Kappa Psi Theta Chapter. From left to right: Dr. Andy Frasco, Paul Caudill, James Renner, Ryan Anderson, Kevin Thorne, Nessim Hadiji, Michael Davis, David Mills, Jeremy Spires, Patrick Powell, Laz Pastrikos, Matt Myers, Lawrence Lopez, Andrew Fergusson, Wade Chi and Lee Clodfelter.

Below Right: Jeremy Spires and Lindsay Parker's Wedding. Sitting: Lindsay Parker. From left to right: Lawrence Lopez, Jeremy Spires, Andrew Fergusson, Mark Hardgrove, Kevin Thorne and Laz Pastrikos.



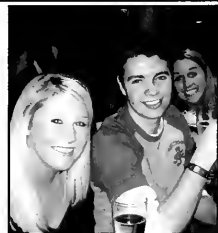


Phi Delta Chi



ΦΔΧ

America's first professional pharmacy fraternity, Phi Delta Chi was founded in 1883 at the University of Michigan in Ann Arbor. In 1975, Phi Delta Chi became a co-ed fraternity, welcoming women into the professional organization. Our motto is "Alterum Alterius Auxilio Eget" which means "Each needs the help of the other." We have worked to advance the profession of pharmacy and its allied interests, and to foster and promote a fraternal spirit amongst ourselves. PDC's national philanthropy organization is St. Jude Children's Research Hospital and the majority of our philanthropy events, including our "DiscoBowl", contribute toward this cause. Brothers also participate in other community service events at MCV's pediatric intensive care unit and community "brown bag" events in which we help elderly patients manage their medications. The Alpha Delta chapter of MCV currently has 90 members and we continue to grow rapidly!



Rho Chi Society



Above Left to Right: Executive Committee: Mark Bowie (Tutoring Coordinator), Christina Olmsted (Induction Coordinator), Shazia Raheem (Vice President), Larissa Hall (President), Kim Scott (Historian).



Above Left to Right: Christina Olmsted and Susan Cogut(P3) preparing for the P2 Recognition Ceremony.



Above: Larissa Hall, presenting to Rho Chi Members.



Above: Dr. Donald Brophy, sponsor of Rho Chi is pictured with the group of second year pharmacy students recognized for their stellar first year grades.

PX

The Rho Chi Society is the Pharmacy Honor Society at MCV School of Pharmacy, with our Lambda chapter established in 1922. We strive to promote excellence in the pharmaceutical sciences by recognizing students who demonstrate high levels of both academic achievement and professionalism. The eight sides of the Rho Chi key symbolize knowledge bases in Pharmacy, Pharmacognosy, Chemistry, Biology, the Clinical Sciences, Physiology, Pharmacology, and Pharmacy Administration.

Rho Chi members coordinate the Pharmacy school peer tutoring program and put on events such as the Dean's List Luncheons and annual Pharmacy Bowl to assist and reward students for their academic achievements. Induction into the Rho Chi Society is a prestigious honor with national recognition.



Above: The second and third year Pharmacy students of Rho Chi Society.

Psi Omega

ΨΩ



Psi Omega is a dental fraternity at MCV School of Dentistry. The objectives of this Fraternity are to maintain and advance the high standards of dentistry by instilling in its members the spirit of fraternal cooperation; and to exert its influence for the advancement of the dental profession in its methods of teaching, of practice, of research, of ethics and of jurisprudence.

The VCU School of Dentistry Chapter of Psi Omega is among the most active in the nation. Among its many recognitions, they have received the Regional Founders Award in 2004 and 2005. On the MCV Campus, they cosponsored the MCV SGA Halloween Party whose proceeds went to aid those affected by the tragedy of Hurricane Katrina. They also held several clothing drives to help the victims in New Orleans.



Geriatric Student Interest Group



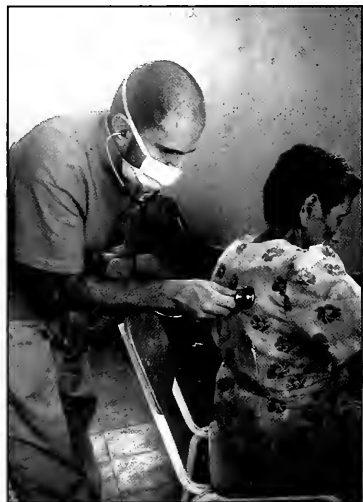
"This year has been an exciting one for the Geriatric Student Interest Group (GSIG), which helps expose medical students to the world of Geriatric Medicine. In the fall semester, we went to Seven Hills Health Care Center and Linwood Robinson Senior Center (just down the street in Church Hill) for a few activities. The first was a game afternoon, where GSIG volunteers played and socialized with local seniors. By Halloween, GSIG organized an afternoon of crafts, where volunteers painted pumpkins and made decorations with a group of almost 20 seniors. We saw many familiar faces later in December when we returned for holiday caroling. That day, we visited both senior centers in a literal caravan of singing medical students! In the spring, we had our annual photo contest, including the awards reception at Old City Hall. Also in the second semester, a ballroom dance event was held. With a "Spring Fling" theme, medical students and seniors learned some moves from a GSIG volunteer who is a dance instructor. Next year should be just as fun for medical students interested in this very special branch of medicine."

—Meagan Cogbill, GSIG Co-President



HOMBRE

Honduras Outreach Medical Brigada Relief Effort (HOMBRE) is a non-profit organization established at MCV in 2000. Throughout the school year, the students fundraise for funds to cover the cost of medicine and supplies used in providing medical care to those in need in Honduras. Medical students and physicians devote half a month of their summer to providing medical care.



Above: Burak Gezen (M2) performing a physical exam on a patient in Honduras.



HOMBRE Summer 2005



Tiffany Beck (M2) and a doctor with the HOMBRE group interact with patients.



Mireille Truong (M2) enjoying the sun with her new friend.



The only mode of transportation available to the HOMBRE volunteers was an old fire truck.

MCV Intramurals



Intramurals are organized by the VCU Recreational Sports. They offer tournaments in various sports including Basketball, Dodgeball, Flag Football, Soccer, Softball, Tennis (singles and doubles), Ultimate Frisbee, and Volleyball. On the MCV Campus, teams are comprised of classmates within the same program or within each school, depending on the number of participants. There are also many Individual and Dual sports that have no class restrictions. The tournaments occur throughout the year, with students from every school participating. The winners receive t-shirts to commemorate their victory.



The Notochords

MCV-VCU Student A Capella Group

SOPRANOS

*Denise Canonizado
Jessica Geis
Laura James
Kerri Simpson*

ALTOS

*Amanda Jenkins
Kelly Kennett
Kristine Kolenich
Jenna Mannix
Erin Scott*

TENORS

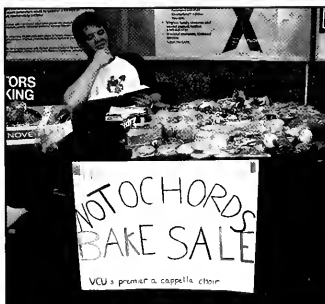
*Sean McLane
Gautam Modali
Jason Sitterson
Ley Willis*

BASSES

*Wade Chi
Sam Khandker
David Pijor
Alex Probst*

PERCUSSION

Justin Crocker





The Notochords are the premier student a capella choir at Virginia Commonwealth University. They began in 1993 as an all medical student a capella singing group and soon opened up to include members of all the MCV Schools. Recently, the Notochords have further expanded to include students from the Monroe Park Campus. With undergraduate, graduate, and professional students, this year's group includes students from the School of Medicine, School of Pharmacy, School of Nursing, School of Allied Health Professions, and undergraduate students from the Monroe Park Campus.

Performing a wide range of music ranging from Broadway hits to pop music, their repertoire changes year after year. Most of the music is arranged by the group members themselves and offers their audience original versions of popular songs.

Each year they hold two concerts, one in the winter and one in the spring, as well as spend some time in the recording studio. Other performances for various events on both the MCV and Monroe Park Campuses include singing at the School of Medicine White Coat Ceremony, School of Medicine Open House, and the VCU Intercultural Festival. Auditions are held at the beginning of each semester, depending on the number of available spots. While many of the members have a background in music, no experience is required to audition for the group. All that is required is talent, dedication, and passion for music.



Student Association of Community Pharmacists



Carrie Vest checking a patient's blood pressure at the Buford Road Pharmacy Health Fair.



Pharmacy students assisting at the Circle Center Bingo Game in October 2005



Erin Briggs, Kristen Dane, & David DeLong at a Medicare Part D informational booth.

The Student Association of Community Pharmacists (SACP) is a student chapter of the National Community Pharmacists Association. For over 100 years, NCPA has served as the national voice for independent pharmacists. Together, NCPA and SACP promote programs and advocate legislation with the goal of providing better patient care and education at the community level. At MCV, SACP members participate in a wide variety of activities: community service projects, national conferences, and meetings featuring guest speakers on current topics in the field of pharmacy.



Below: At the NCPA convention, Kat Weakley and Katie Clasen are pictured with Virginia pharmacists, including Delegate Chris Jones (far left).

Student Family Medicine Association

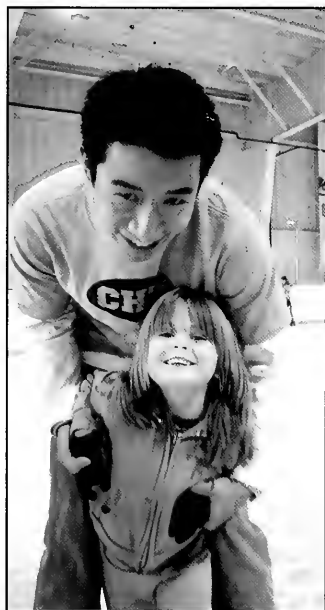


The Student Family Medicine Association (SFMA) at VCU provides interested medical students the opportunity to gain educational experience and exposure to the field of Family Medicine. Students interact with Family Medicine faculty members and residents to learn more information about the field as well as strengthening their leadership skills.



SMILE

Students Making It a Little Easier



First and Second year medical students enjoying a day on the rink with their "little buddies".

Above: Kenny Wong and his little buddy.

Below: Myo-Thwin Myint, Melissa Mondello, Kim-Anh Nguyen, Lauren Huddle, and Julie Ziabro skating with their buddies.



Sponsored by the American Cancer Society, S.M.I.L.E. is an MCV student organization that pairs first and second year medical students with MCV Hospital pediatric cancer patients and the patients' siblings. This Big Buddy/Little Buddy system is part of the program's goal of providing the pediatric patients with an opportunity to simply "be kids" through fun group activities such as ice skating and crafting. The program annually sponsors a trip to the ice skating rink for the patients as well as coordinating fun craft events during the holiday season.

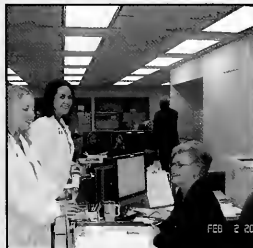


Above: Taking a break from the rink, Wendy Woo (M2) and her little buddy pose for the camera.

Student Chapter of the Virginia Society of Health System Pharmacists



The Student Chapter of the Virginia Society of Health System Pharmacists (SVSHP) is a professional student society that represents pharmacy students who wish to serve patients in Virginia across the continuum of care in integrated health care systems. Components of such systems include acute care, ambulatory care, home care, intermediate care, long-term care, and other components of health-systems. SVSHP also focuses on post-graduate residency training in preparation for a successful career in hospitals and health systems. SVSHP participates in several activities each year including the Heart Walk, Halloween party at MCV Hospitals Pediatric Intensive Care Unit, Pre-residency forum, blood drives, and an annual Clinical Skills Competition.



School of Medicine Tour Guides



2005-06 Tour Guide Directors
(L to R): Kenny Ewane,
Mireille Truong, Chris
Somerville.

The School of Medicine Tour Guides are a group of second year medical students selected to represent the diverse student body at the VCU/MCV School of Medicine. They assist the administration and admissions committee in guiding tour groups around the MCV campus and familiarizing potential applicants, interviewees, and interested public with the history and campus of the medical school. Three tour guide directors are selected each year to work closely with Dr. Cynthia Heldberg and the admissions committee in coordinating tours and selecting future tour guides.



Kelly Kennett leading a group of
parents during MCV Parents
Weekend.



Judson Frye and Sabina Amin



Natalie Zameroski guiding
undergraduate students around
MCV during Open House.

Tour Guides 2005-2006

Sabina Amin
Cara Brown
Heather Collins
Justin Crocker
Katie DePlatchett
Ross Dodge
Erin Douglas
Kenny Ewane
Jaclyn Fertig
Judson Frye
Bella Gabice
Rebecca Gibbons
Carrilynn Greenwood
Ben Herrick
Galen Holmes
Kelly Kennett
Nicholas Lahar
Jeff Leary
Emily Little
Myo-Thwin Myint
Tony Nguyen
Patricia Peters
Jannelle Posey
Sean Pustilnik
Andreya Risser
Neil Sheth
Brian Showalter
Thomas Simcox
Chris Somerville
Kenny Wong



Erin Douglas, Conor Sheehy, &
Ross Dodge



Gaurav "G" Bhatia demonstrating
his excitement for leading early
morning Saturday tour groups.



Katie DePlatchett & Becky Gibbons



Left: School of Pharmacy students at the Virginia Pharmacists Association conference in Richmond, VA.



Right: Students screening for diabetes on the local residents.



Virginia Academy of Student Pharmacists

The Virginia Academy of Student Pharmacists (VASP) serves to promote the profession of pharmacy through legislative affairs, community service, public relations and social activities. VASP is one of the largest organizations at the MCV School of Pharmacy and is a nationally recognized chapter.

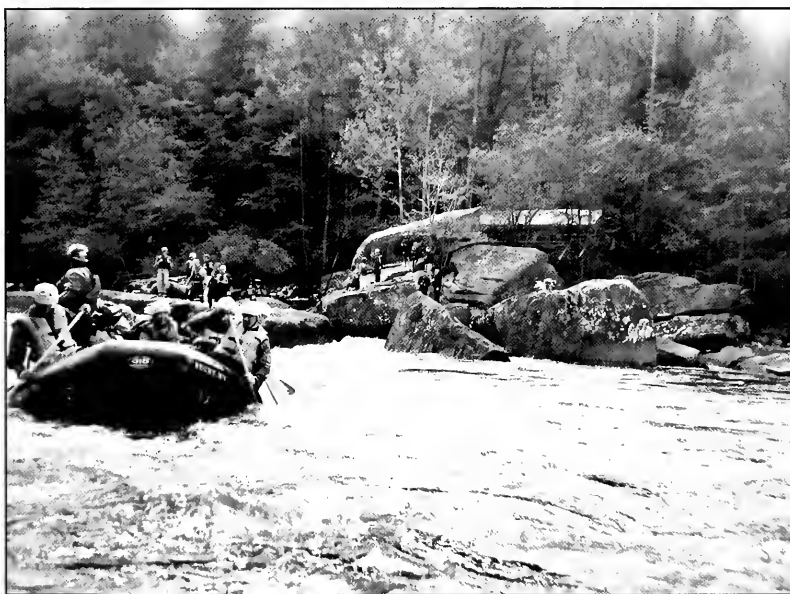
Below: VASP members increasing health awareness in the local community by offering diabetes screening to the general public in the Ukrop's Pharmacy.





Wilderness Medicine Society

The Wilderness Medicine Society is a club that offers medical students the means to learn about the necessity of medicine in wilderness settings. Annual rafting and skiing/snowboarding trips are organized for students to have the opportunity to enjoy the outdoors.





Above left to right: WIMSO Officers 2006 Tiffany Beck (Vice President), Blaise Lovell (Vice President), Tiffany Kelly (President)



Above: WIMSO members and faculty together on National Wear Red Day.

Below left to right: Mireille Truong (M2), Dr. Cynthia Heldberg (WIMSO Advisor), Tiffany Beck (M2).



Women In Medicine Student Organization

Since 1978, the School of Medicine has elected female students to address women's issues within the curriculum. With the support of faculty and established women's groups, students have developed an organization to discuss women's health topics, increase awareness of the obstacles facing women in professional careers, and promote the advancement and achievement of women in all stages of medical education.

The Women in Medicine Student Organization (WIMSO) was established in July 2005. Since then, the group has been active in promoting women's health issues through a series of lectures and awareness days. The group has fostered leadership experiences by establishing officer positions to lead a group of over 65 students. WIMSO has been involved in community and campus leadership through representation with faculty and student government groups. To advance and support the careers of future female physicians, WIMSO has sponsored several events to encourage networking among students, faculty and community physicians. The group has also organized lectures to inform all students of the intricacies of the physician career path and how to balance life issues with career. The success of WIMSO is evident by the overwhelmingly positive response of students and community.



Above left to right: Wine & Cheese Social in December 2006. Dr. Julia Nunley, Elena Geraymovych (M2), Susan Nguyen (M2), Terri Chin (M2).

Below: WIMSO Officers on "National Wear Red Day", dedicated to increasing awareness on women and heart disease.



The X-Ray Yearbook Staff 2006

In this 168th year of the founding of our Medical Campus, the X-Ray staff hoped to continue and return some of the long traditions forged in the almost 100 years of this publication. The result is a yearbook that returns to the idea of highlighting and educating the student body about the long and accomplished history of MCV along with presenting a panorama of the previous year. We also restored important aspects to the yearbook traditionally done in the past, lost only in recent times, such as the faculty section, "The Cross Ray," and advertisements. Our hope was not only to display all of your portraits, but to also single out and honor those graduating seniors. In the end, we hope that you, the student body, will be proud of this publication and will someday appreciate our attempt to link you to some of your fondest memories here and to much of the history of our alma mater.



Patrick H. Sweet, III
Editor-in-Chief
Medicine 2006



Jennifer L. Nguyen
Assistant Editor-in-Chief
Medicine 2008



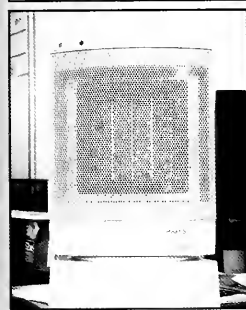
Anish A. Shah
Photography Editor
Medicine 2006



Denise G. Canonizado
Literary Editor
Medicine 2008



Peter T. Nguyen
Graphics Editor
Medicine 2008









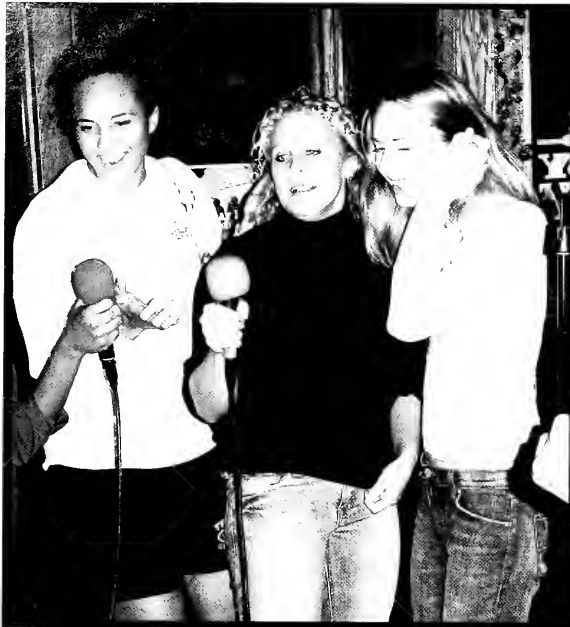












CENTENNIAL CLASS RISE FROM RANKS DISCUSSED

Worried As Frosh, Weary As Seniors

Four years ago an odd 150 or so youths decided upon the undertakings in medicine, dentistry, pharmacy and nursing (3 years). Since the initial day when McCawley managed to inveigle some of you bottles of Scotch out of a few hundred dollars, you have never ceased to forgive a greenback. Faithful alumni succeeded nobly in instilling timidity into prospective medicos, while dental alumni were complaining of the same tough old grind. Graduate pharmacists, professional by now in hieroglyphics, soda jerking, and drug dispensing, tell sad tales to farmers endeavoring to become pharmacists. The tricks and the trials of a sombre existence in the freshman year were at times fathomable only because a couple of hundred brains were stubborn. Cadavers, assumed importance and these unsuspecting humans provided the necessary playground for scalpels, forceps and blunt dissecting fingers. Ungentlemanly as some of us may have been, there are none perhaps more so than the medico who cut a piece of cadaver skin, sent it home to Mabel and told her to chew on it, cause "bark is good for the teeth."

Enfeebled with worry the second year was undertaken with new faces added to a dwindled roster. Sacred but scared, many came to school on a rainy day and sat in the rows of seats which for some unexplained reason simulated churchly pews. Clutching your roommate's umbrella like an oar in a flood, you didn't dare move, lest some back-row-nitwit-flagellate would hurl paper just like it was Skull and Bones on a Friday. At length, the sophomore drone gave way to the hot July sun, when some of the bespectacled pow-

(Continued on page two)

AUTOBIOGRAPHY OF A TERATOMA

Of all the mixed up things on earth I'm chosen the last, for utility and worth.
My eyes were strangled amid all the rush,
My lips just failed me and so I was hush.
I've lost my kidneys, misplaced my teeth—
I'm so disarranged, I'm indiscreet.
My sundry pieces all bottled and mixed,
Are scattered all over, I certainly was fixed!
I am almost toothless—sure they're solid and sane;
But somewhere in the literature, there's a cavity just the same!
I found my teeth mingled up with my brain. . . .
An' lungs an' liver . . . like it was hit by a train!
Discovered bits of stomach, how, I couldn't see,
'Cause they strayed around where my neck should be!
I've cursed an' sworn at the blasted blastomere,
For messing me up, oh I'd like to choke him here!
Thoughts were fine to . . . A
Greta Garbo be . . .
But nobody can do what no eyes can see!
I'm scattered and strewn in discarded disgrace,
I'm hickle-de-pickle-de all over the place!
When first I visioned my dastard plight.
I cursed at the pieces, for once I was right!
Thought a maiden I'd be . . . but a man I insist
But the hell of it is . . . I'm a dermoid cyst!
Now a brain cell here and a lung cell there . . .
(Continued on page three)

DR. LOBAR P. NEUMONIA EXPLAINS NEW PHYSICAL DIAGNOSIS METHODS

Famed Chest Specialist Addresses M. C. V. Group

In an auditorium filled to capacity, with Sophomores crowding out all available standing room, Dr. Lobar P. Neumonia, noted diagnostician and chest specialist, addressed the M. C. V. student body and faculty.
Dr. Neumonia, a graduate of the Havahart School of Diagnosis, received his post-graduate training at the Ushomee Hospital in Missouri. During the war he devoted all his energy to the French Front. His work is the topic of every progressive school.

The methods of physical diagnosis, as outlined by Dr. Neumonia, are, to say the least, revolutionary. At the same time, it must be said in fairness to the students at M. C. V. that at least the present Seniors have anticipated this great work and have shown definite tendencies in the direction of this new and improved method of diagnosis.

Briefly, the secret of success in the diagnosis of any disease lies in the development of a super-sense. In order to accomplish this, the student must train himself for years. The first essential is to get a divorce of the common ordinary five senses we are supposed to have (divorces at student discount rates can be had in Reno) from the atmosphere of the diagnostic room. In order to aid the novice, a navy blue scarf folded thrice upon itself is secured around the eyes by means of jiffy-baby-diaper-pins. A clamp or clothespin is then applied to the nose; divers plugs do very well to shut off the membrana tympani from the ethereal vibrations. Nothing need be done really about the gustatory sense. The hands are protected by a pair of heavy gloves—preferably such as are ordinarily seen in a fluoroscopy room. The examiner is now ready for the patient. For best results, the patient should be placed in a room as far removed from the consulting room as possible. It adds greatly to the patient's peace of mind and comfort. A system of amplifiers and telephones connects the consulting room with that of the patient. The examiner now attaches a small instrument to the mastoid process of his left ear and, through his phone, instructs the patient to tell his story. Of course the doctor cannot hear what the patient is saying, but that little gadget on his left mastoid can. The

(Turn to page 4, column 2)

HEART DISEASE IS DISCUSSED

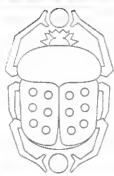
Those morbid creatures who read the obituary columns in *J.H.H.* have probably been impressed with the frequency with which "Heart Disease," "Coronary Arteriosclerosis," "Hypertension" and "Myocardial Infarction" appear as the cause of death among physicians. We have tried to determine the cause for the frequent appearance of heart disease in this noble profession. The literature has helped us but little. Being noble (?) Seniors now, however, very old and very wise, we think we can explain this high morbidity. We personally feel quite confident that our theory is right.

It has often been said by learned men that worry and care predispose to hypertension and heart disease. Of course, everyone worries and cares these days. But let us consider the evolution of the medico's troubles. You will soon agree with us wholeheartedly—unless you, too, are a medico and have no heart left.

Our story goes back to dear old high school days. You just came proudly off the platform following graduation exercises. Mother and Sister and Grandmother and Cousin Cora are all there, their hands red from unnecessary applause, and all insist on kissing you—also unnecessarily. You get home, and in the evening Father takes you to his office to have a heart-to-heart or man-to-man talk with you. "Of course you are going on to college, John. Time lies; before very long you will come back here and take over my practice!" Your heart sinks—you are just sixteen, and you look around Pater's library—all these impossible, endless rows of unintelligible print! But there is still hope!

College is not as much fun for you as it is for Bill. While Bill plays football and becomes the idol of every campus queen, you spend your time with flasks, crucibles, impossibly small weights and odoriferous fumes. But somehow the years pass and you are a Senior. Your record in college is not too worse—you worked hard. You begin your Senior year with an extensive correspondence, and without knowing why, you are excited. Goad schools, bad schools, two-year schools, and four-year schools, in town and out of town—all receive requests for

(Turn to page 4, column 3)



The Cross Ray

10 RAM
Bucks

Medical College of Virginia's Finest News Source Since 1934 | April 2006

The Cross Ray is a satire that spoofs current events at the Medical College of Virginia. As seen on the previous page, the Cross Ray has its roots in the yearbooks from the 1930's & onward. Everything included herein is fictitious and meant to be taken lightly. The Cross Ray is rated mature for adult – viewer discretion is advised.

DISCLAIMER

The Cross Ray uses invented names in all its stories, except in cases when public figures are being satirized. Any use of real names is with consent or is accidental and coincidental.

In a recent poll from our readers we asked: "Who would make you feel safest on campus?"



Chuck Norris 32%



Peter the Sith 30%



Teletubbies 17%



Queen Latifah 7%



Harry Potter 4%

Honorable Mention:



Jean Claude
Van Damme

MCV's Intramural Flag Football Team Beats The College of William & Mary's Varsity Football Squad

For the 2nd Time in History MCV Beats W&M at Scrimmage Invitational
JIM SOX



MCV Team Captain, Andrew Bogle, noted, "We went into this game with nothing to lose, and, guess what, we won!" Linebacker and All American Medical Student, Aaron Stike, agreed with Bogle's claim and went on to say, "We had heard that W&M was terrible at football, but we did not know that they were that bad." This game came after a long dead rivalry between MCV & W&M. The last time the two teams met was in 1932 where the then underdog MCV beat the Tribe.

Students from MCV broke out into the College Song after the event. It was visible reminder of the durable MCV Campus spirit. In honor of the accomplishment the Medical Center Bookstore agreed it would lift its policy on MCV paraphernalia. General Manager, Mrs. Paige Turner, said, "Although MCV paraphernalia is normally not available at the Medical Center, we thought this momentous occasion was an appropriate opportunity to reward the students." *WINNERS continued on C5*

Larrick Center Suspected to have Extraterrestrial Origins

Leaders from the Worldwide Observation of the Weird UFO Chapter (WOW UFO) Meet University Leaders About the "Flying Saucer" Looking Building

NORMA LEIGH LUCID

WOW UFO Spokesman, Dr. Spock, claims they have conclusive proof that the Larrick Student Center is really a deconstructed spaceship. University Vice President for the Paranormal, Dr. Peter Venkman, commented, "We can neither confirm nor deny that the Larrick Student Center is constructed from any extraterrestrial materials either from within



our solar system or from without." Concerned by VCU's response, the MCV Student Government is commissioning a study by Dr. Egon Spengler of the famed Paranormal Studies Institute at Columbia University. Dr. Spengler said, "I would like to disassemble the Larrick Center not just because it looks like it is from outerspace, but to understand the genius of an architect that could build such a thing."

GHOSTBUSTERS continued on A9

Monroe Park and MCV Campuses to Start New Online Dating Service

After Failed Mixers Between Schools on the MCV Campus a New Program is Offered

ANITA MANDALAY

Many students have been feeling particularly frustrated in the dating department. The new online dating service should solve much of the dating woes found at MCV. With the recent fiasco at the Nursing School & Medical School mixer, where medical students said the nurses were "too uppity" and the nursing students said the medical students acted like they were "God's gift to the earth," the program is expected to be a great success. This also comes after another failed mixer between the Dental School and Pharmacy School where the Pharmacy students kept giving the Dental Students mind altering drugs and the future Dentists kept saying the future Pharmacists had "poor dentition."

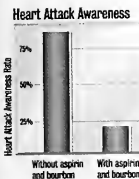
The new dating service is expected to mimic many of the other dating services like Match.Com and E-Harmony. VCU Vice President for Student Copulation, Dr. H. Heffner, stated he had received numerous complaints about the issue. In response, this new program was created. It will offer added features compared to the other online dating services. There will be a section in the personal profiles for MCV students that lists a difficult to define, yet important quality, Money Earning Potential (MEP). Dr. Heffner believes this will help undergrads in selecting the type of professional they would like to date at the MCV Campus. Likewise, there will be a section in the personal profiles of the undergraduates that lists type and location of tattoos and piercings, goth or non-goth status, and most importantly, membership status in fraternities and sororities. Many hope this program will relieve much of the sexual frustration found at MCV. *SEXUAL HEALING continued on D3*

Report: Aspirin Taken Daily With Bottle Of Bourbon Reduces Awareness Of Heart Attacks

Article Compliments of the Onion, Inc. © 2006

BUD WEISER
PHILADELPHIA—In a medical breakthrough that should come as welcome news for millions of at-risk Americans, University of Pennsylvania cardiologists announced Tuesday that taking one aspirin tablet and a fifth of bourbon daily can “significantly reduce” an individual’s awareness of heart attacks.

“This study represents a major victory in the fight against heart disease, America’s number-one killer,” said Dr. Arthur Katzeff, head of the University of Pennsylvania team. “Each year, more than two million Americans clutch their chests in terror and say, ‘Oh my gosh! I’m having a heart attack!’ With this revolutionary new aspirin-bourbon treatment, however, such fully conscious incidents of cardiac arrest may soon be a thing of the past.”



According to Katzeff, test subjects who were administered a single aspirin tablet in the morning, followed by a fifth of bonded Kentucky bourbon over the next several hours, were 85 percent less likely to realize they were having a heart attack than subjects who did not take aspirin with bourbon.

Americans are excited about the findings. “My four heart attacks have all been hellish,” said Ronald Diering, an Evansville, IN, auto mechanic. “I was aware of everything that was happening, and I was gripped by the fear that I was going to die. But with this new aspirin-bourbon treatment, future heart attacks should be much less traumatic.”

“Who wants to spend what could be their last moments on Earth in terror?” said Alex Broadhurst of San Jose, CA. “Better to enjoy another bourbon and lie on the floor waiting for the ambulance to show up.”

University of Pennsylvania researchers said individuals who take aspirin and bourbon in the prevention of heart attacks may experience certain side effects, including slurred speech, impaired vision, and vomiting.

Upon waking up from a heart attack, researchers said, there is also a chance of having “a wicked hangover.” In such cases, individuals are strongly advised to avoid bright lights and not to move around too much.

FDA Approves Sale Of Prescription Placebo

Article Compliments of the Onion, Inc. © 2006

MOLLY KEUHL
WASHINGTON, DC— Placebo gained approval for prescription use from the Food and Drug Administration. “For years, scientists have been aware of the effectiveness of placebo in treating a surprisingly wide range of conditions,” said Dr. Jonathan Bergen of the FDA’s Center for Drug Evaluation and Research. “It was time to provide doctors with this often highly effective option.”

Administration Responds to Parking Woes

Egyptian Building To Be Demolished

REX EASLEY

VCU Vice President for Parking and Urban Sprawl,

Dr. Metermaid, announced they were looking for a new site for a parking deck. An online SGA Poll, which has been shown to be a very effective measure of



student opinion, determined with a response rate of 10% that most students thought the Egyptian Building to be outmoded and ugly. With these data in hand, SGA and VCU are working to build a state-of-the-art parking structure that will serve all the needs of the Medical Center. *TICKETS continued on B3*

VCU Medical Center Offers New Healthy Food Options

CHRIS P. BACON AND PEPPE RONI

In response to repeated calls for healthier food, the Administration for the Health System has decided to close and expand on existing dining facilities. First to go will be Alpine Bagel. It will be replaced by Kentucky Fried Chicken and Arby’s. Other plans are underway to expand on the existing McDonald’s facilities. The general manager believes that maybe a sideline dedicated to Big Macs could fast track customers who demand the tasty delight.

VCU Vice President for Student Nutrition & Obesity, Colonel Sanders, believed this move could go either way depending on the demand for these kinds of venues. He said, “if people frequent these places then this would be a good opportunity for students and faculty to become obese like many of their patients. I believe this would offer a new way for professionals and future professionals to empathize with their patients.” *HEART ATTACK continued on A6*

The New Medicare Drug Card

The government unveiled a Medicare prescription drug discount card last week. What are some of the card’s features?

Cardholders can save 11 to 17 percent off the 800 percent mark-up on prescription drugs

Each generic drug purchase earns points toward a Medicare windbreaker or canoe

Personal ID number will prevent card from falling into hands of no-good young hoodlums who will use it for God knows what

Fine print states that if an unmarried individual’s annual income is not more than \$12,569, it’s really a shame

All cardholders eligible for free, one-time-only sleeping pill overdose

Front of card lists known drug allergies; back has lenticular image of St. Peter and the Lord’s Prayer

With eight stamps to card, user gets one 0.5 mg Klonopin or side salad free

The long-awaited approval will allow pharmaceutical companies to market placebo in pill and liquid form with dose ranging from 1 to 40,000 milligrams.

Pain suffer Margerite Kohler comments, “For years, I battled with strange headaches that surfaced during times of stress,” Kohler said. “Doctors repeatedly turned me away empty-handed, or suggested that I try an over-the-counter pain reliever—as if that would be strong enough. Finally, I heard about Sucrosa. They said, ‘This will work,’ and it worked. The headaches are gone.”

Researchers diagnosed Kohler with Random Occasional Nonspecific Pain and Discomfort Disorder (RONPDD), a minor but surprisingly pervasive medical condition that strikes otherwise healthy adults.

GlaxoSmithKline expects to have a version of the placebo on the shelves in late December called Inertra and Eli Lilly plans a \$3 million marketing campaign for its 400-milligram tablet, Pacifex.

“All placebos are not the same,” Eli Lilly spokesman Giles French said. “Pacifex is the only placebo that’s green and shaped like a triangle. Pacifex: A doctor gave it to you.”

VCU May Change Name of VCU
After National Media Confuses Virginia Commonwealth University (VCU) with Virginia Union University (VUU) the BOV Considers Option

WARREN PEACE
An article in US News & World Reports recently confused VCU with VUU in a story about VCU’s new program in Homeland Security. This underscores issues that VCU has had in the past with getting recognition for accomplishments. VCU Vice President for Problem Solving, Mr. Richard Sly, noted that this was not a new issue for VCU. He went on to say, “We believe our past experience with getting rid of names and creating new ones solves the issue of improper branding in the media. The goal is to stay ahead of the media so that they will never actually know what our name is. We are considering the new name of the Unspecified University in Richmond, Virginia.” *NAME Continued on A7*

APPRECIATION



In presenting this edition of the *X-Ray*, we wish to express our sincerest appreciation and thanks to all of those who have made possible the successful completion of this volume and especially to the following, in no particular order:

Barbara Payton, Kenny Wong, Constantine Franz Michaelides, Jodi Koste, Dr. Young, all the SGA leaders, Meredith Bryk, Dean Reinders, Sukhmani Sarao, J. Patrick Powell, Bradford Allen, Lanetta Presley, Janet Mundie, Louise Mitchell, Monica White, Courtney Zadell, Ida Trice, Meghana Gowda, Alumni Association, James P. Neifeld, Jerry Quirk, Tonnie Peoples, Hannah Cherian, Tony Nguyen, Jason Baranowski, and faculty that submitted photos.

Most importantly, we would also like to thank the student body for contributing the funds that made this yearbook possible.

This list in no way includes all the people necessary to make this book possible. Therefore, for those not mentioned, you are deeply appreciated.

The following works were also instrumental in making this book possible:

Blanton, Wyndham B. *Medicine in Virginia in the Nineteenth Century*.

Caravati, Charles M., M.D. *Medicine in Richmond, 1900-1975*.

Dabney, Virginius. *Virginia Commonwealth University: A Sesquicentennial History*.

Medical College of Virginia. *The First 125 Years of the Medical College of Virginia*.

Carruth, Ricki. *Medical College of Virginia Story*.

Finally, the staff has a few personal favorites and would also like to thank the following:

Big Brother aka The Man, The Very Big Buddy, Skilo the Dog, The Sith, The Asian Invasion, The Veggie Delight, The Herbivore, HeatStream Space Heater, Papa Johns, Dominos, Tropical Smoothie Café, Five Guys, The Larrick Center, Jersey Mike's, and David Ross, Esq.



The *X-Ray* Yearbook Staff

L'ENVOI



As I reflect back on this year as Editor-in-Chief, I am amazed at how the theme, "Then and Now," can be applied not only to the yearbook but to my collective experiences here at MCV. It has been a long haul. From those first fearful days in medical school to my now bright future in Navy surgery at San Diego, I am amazed at what an eventful and surprising experience it was.

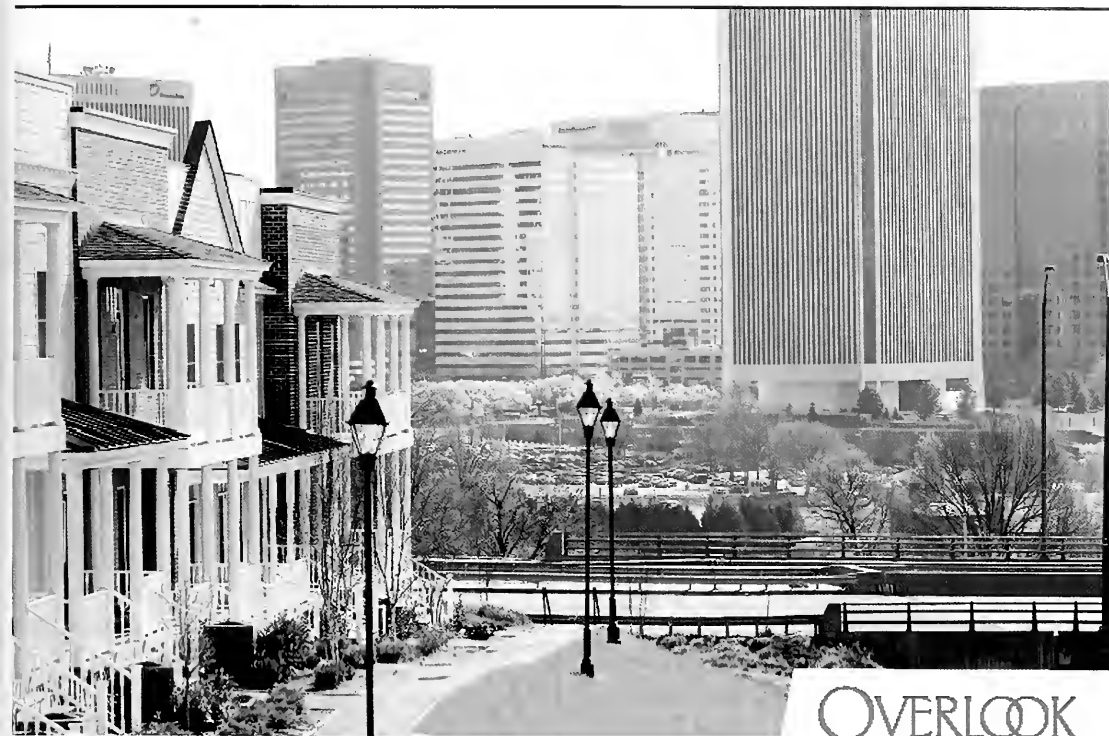
I am not alone. MCV has molded young men and women for the last one hundred and sixty eight years from barely mature youth to responsible professionals who care for others. This same mission continues today.

At the completion of this volume, it is my sincerest hope that current students may read this and feel a sense of pride for having been a part of the Medical College of Virginia. From a Nobel Laureate to pioneers in transplantation, the faculty and alumni of this institution can be rivaled by few other places in the country. As she becomes less MCV and more VCU, it is incumbent upon all of us to preserve the Campus's fine history and accomplishments.

My staff and I present to you not only a panorama of the events of 2005-2006, but many of the events of MCV's history. So, wherever your profession leads you, we hope this volume can stay with you as a reminder of what was your MCV experience, and what it has been for generations before you.



*Patrick Sweet III
Editor-in-Chief of The X-Ray*



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Megan Shaw

"The least fortunate among us whom you choose to serve will be the most fortunate to have your wonderful care"

From: Your Family



Tiffany Matthews

Congratulations on your successful completion of Medical School. We are so proud of you! Always remember that nothing is impossible if you believe.

*Love,
Mom & Dad*



"Lord, deliver me from the man who never makes a mistake, and also from the man who makes the same mistake twice"

-Dr. William J. Mayo



Congratulation, Brian!

**Love,
Mom, Louise, Kevin, Becky, & Adelaide!**

Barbara Simpson

To our talented and brilliant daughter Barbara who has been such a joy for her mother and father. This graduation is another one of the proud moments that we have shared, and our only sadness is that her mother is not here to enjoy it. We do know that her mom is here in spirit.

In Honor of

RANA DENISE GRAHAM

a May 2006 Doctor of Dental Surgery (DDS) Candidate at MCV.

**“Congratulations on completing
the DDS requirements.”**

**Rana, you completed all the hard work
but know that you inspired us too as we cheered
for you along the way.**

WE ARE SO PROUD OF YOU!

**From the Graham and Anderson families,
and the spirits of Granny, Pop, Pop's, and Grandma
who we know are equally proud.**

Chris Gebert



We are so very proud of you for choosing Medicine as a way to help the sick and dying. We wish you success and happiness for many years to come. There is an old Chinese Proverb: Knowledge, is like a boundless sea, but diligence is the way to reach the shore. Keep on learning and helping others.

Love, Mom and Dad



Ashley Elizabeth Hall

Ashley:

You are truly a blessing from above! We could not be more proud of you and all that you have accomplished. You are a beautiful young woman inside and out, and you will make a fantastic doctor!!

Our love to you-
Mom, Dad, and Lindsay

Andrew Farland

Finally! We always knew you could do it! Here's to a bright future for you and Sandra.

Mom, Dad, & Joe



"Your children are not your children. They are the sons and daughters of life's longing for itself. They come through you but not from you, and though they are with you, yet they belong not to you. You may give them your love, but not your thoughts. You may house their bodies but not their souls, for their souls dwell in the house of tomorrow, which you cannot visit, not even in your dreams."-Khalil Gibran, The Prophet



You are an amazing young woman. We love you.

Mom, Dad, Lindsay, Nicholas and Noah.

CHRISTOPHER D. KENNEY, Ph.D.

**The road has been long.
You have stayed the course.
We are certain you will succeed in
any path you choose to follow.**

Congratulations!

**Love,
Dad, Val, Jonathan, Matt, and
Jack**

CONGRATULATIONS ON A STELLAR PERFORMANCE

Your loving family



From unpretentious beginnings



Garrett grew into a Super Hero



Searched for life's secrets



Found true love



And chartered a medical career that embraces the proverb,
"What we do for ourselves dies with us, what we do for others lives on."



Jayant P. Talreja:



You have honored
us by pursuing
Medicine as your
career.

Our best wishes to
you always.

From, your Parents



Dedicated	Humorous
Outgoing	Understanding
Caring	Tactful
Talented	Courteous
Open	Healing
Reliable	Imaginative
	Nurturing
	Sensitive
	Original
	Nice

Stacie Leigh Schneider:



*To the hard work
and dedication
that you have put
into this ride.
Never lose your
compassion and
love for your
work.*

**CONGRATULATIONS!
A DREAM COME TRUE!**

*All our love,
Mom & Dad
Carole, Ken,
Grammy & Grandma*



Jamil,

From the moment you were born, we've marveled at your strong, generous, exploratory, and determined self.

Your wings just get broader and stronger, and it is going to be a continuing source of pride and delight and astonishment not to mention your compliment to save the life of others in the most

caring field of medicine, surgery. We know once beginning your field of discipline you will add milestones from the operation room to research. Your strength is determination and guidance is God. You continue to amaze us when gaining strength through those darkest moments by finding self worth and success. It is our chance to tell you again that we love and cherish you...and are so proud that you are our son.

All our love,
Mom and Dad.



COSTA MICHAELIDES

Congratulations and our best wishes!

Dr. and Mrs. Michael Michaelides

Joseph Zola

"The person who makes a success of living is the one who sees his goal steadily and aims for it unswervingly."

We are proud of your unswerving determination and dedication in medical school and wish that these qualities continue to guide you in your professional and personal goals.

Your loving family,
Joe, Joan, and Ginger



Pam Mickell:

Now you are not just playing doctor!



Congratulations. Love, Mom, Dad, Valerie, Jeremy, Jake & Pecker



Josh Karp,

**You climbed a mountain,
Forded a stream,
Followed a rainbow.
Enjoy your dream!**

**Mazel tov and much love,
Mom & Dad, Aaron &
Deborah**



**Yearbook thanks the MCV Alumni
Association of VCU for their generous
support of the X-Ray and student
activities in general.**

Dr. Jon Randall Frederick

*Dear Son, In your life we have seen
boldness tempered with tenderness,
courage measured by kindness, and
compassion enhanced by love. You
have achieved much and we are
very, very proud. Now a new
chapter of your life begins, and
greater challenges await. May God
continue to bless you such that what
you have learned may take root and
bring forth abundant fruit.
We love you, Mom and Dad*



**The Junto would like
to congratulate its
Brothers who are
leaving the bosom of
this fine Medical
College to serve
Humanity from
all walks of life.**



**SPECTEMUR
AGENDO**

*Life is short, the art is long, opportunity fleeting,
experience treacherous, judgement difficult-Hippocrates*

Angie Strickland



Congratulations on all your hard work!



*A dream that you have been working on since you were little, your family is
blessed to have you not only as a fine family member and friend but also as
a new professional in Medicine.*

"In all these things we are more than conquerors through him who loved us" Romans 8-37.

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VESALIUS
PARE
SERVETUS
HARVEY
FAUCHARD
SYDENHAMM
JENNER
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HUME

PRIMUM NON
NOCERE

